MINUTES OF THE 468th REGISTRATION COMMITTEE MEETING HELD ON 12.01.2026

The 468th Meeting of the Registration Committee (RC) was held under the Chairmanship of Dr. P.K. Singh, Agriculture Commissioner & Chairman, Registration Committee on 12.01.2026 at 10:30 hrs onwards in PPA Secretariat, DPPQ&S, Faridabad wherein, Dr. Poonam Jasrotia, ADG (PP) ICAR, Krishi Bhawan, New Delhi; Dr. Gauri Shankar (Representative of Drug Controller General of India) New Delhi; Dr. J. P. Singh, Plant Protection Advisor, DPPQS, Faridabad; Dr. Vandana Tripathy, Project Coordinator, AINP, Pusa, New Delhi and Dr. Subhash Chand, Secretary, CIB&RC attended the meeting.

Experts/Officers from the Secretariat of CIB&RC who participated for assisting the RC were Dr. Vandana Seth, JD (Chem); Dr. K. L. Gurjar, JD (PP); Sh. Hariom Miglani, Sr. LO; Dr. Rani Sahoo, DD (Tox.), Sh. Avnish Tomar, DD(Chemistry), Dr. T. Sonai Rajan, AD (Ento); Dr. Swati Som, Assistant Director (Medical Tox.); Sh. Durga Prasad, AD (PP); Ms. Vineeta Maheshwari, PPO (Chem); Sh. Shahid Khan, PPO (Chem); Sh. P.S. Khati, PPO (Tox); Ms. Ekta Gupta, PPO (Tox).

At the outset, Chairman welcomed the members and asked Secretary, CIB&RC to take up the agenda for deliberations. The decisions taken by the RC are as under:

Agenda item No.	**Particulars of Agenda**
1.0	**Confirmation of minutes of 467th meeting.** **Follow up of 466th RC meeting decision: guidelines for registration of pesticide for technical import from new source (TI-new source) against the already granted registration of molecule/product under FIM-WRT/FI-WRT and TI category u/s 9(3).**
	The agenda was deliberated in details. Some stakeholders suggested minor changes in the revised guidelines approved in 467th RC vide agenda item No. 3.2 for TI New Source for seeking waiver/ exemption to the Metabolism to Livestock, Irritation to mucous membrane, Allergy /Sensitization and Skin Sensitization, Toxicity to bird, toxicity to fish, toxicity to honeybees etc. These suggestions were discussed again in detail. The RC after deliberation on the captioned suggestions is of the view that the above-mentioned toxicological requirement would be more instrumental in assessing the safety of the product under TI New Source and therefore the request except Livestock Metabolism were not found suitable for waiver. Accordingly, the RC decided as under: 1. The revised/approved guidelines are annexed as **Annexure-1.1**. 2. These guidelines shall be applicable from the date of approval by RC i.e. 10.10.2025 3. All the information (such as copy of certificate, Proof of address, Detailed Process of Manufacturing etc) shall be required for all the existing cases too. 4. All Data and its requirement shall be applicable from the date of approval of these guidelines i.e. 10.10.2025.

	5. These guidelines supersede the guidelines approved in 449th RC Meeting for TI New Source only. RC deliberated the agenda in detail and confirm the minutes of 467th RC meeting with minor modifications/corrections as suggested above.
2.0	**<u>Presentation</u>**
2.1	**Presentation by M/s Crystal Crop Protection Ltd., for grant of registration for technical import of *6-Benzylaminopurine technical 99% w/w min.* u/s 9(3) TI (New Source)**
	The representatives of the applicant M/s Crystal Crop Protection Ltd. made a presentation before the RC and submitted that they complied with the guidelines of TI new source and had submitted the requisite data on all the parameters as per the extant guidelines and thus their application qualify for the grant of registration. RC after hearing the submission of the applicant observes that the submission so made are required to be verified from the records available at the Sectt. of CIB&RC. RC decided to approve the same subject to the verification of the genuineness of the submission made by the applicant as per the records available at Sectt. of CIB&RC.
2.2	**Presentation by M/s Mahamaya Lifesciences Ltd., for grant of registration for technical import of *Flonicamid technical 96% w/w min.* u/s 9(3) TI (new source).**
	The applicant made a presentation before the RC and submitted that the captioned application was submitted for the above product in terms of the extant guidelines of TI new source. The application was scrutinized by the RC by all the disciplines and each and every deficiency raised was duly responded to the satisfaction of the RC. The rejection of the above application by the RC in its 463rd meeting at agenda item no. 10.11 was on the ground that the technical of the product is not registered and hence the application is not maintainable. Challenging this decision before the Hon'ble Appellate Authority the Hon'ble Authority was pleased to set-aside the decision impugned in the matter and had made certain observation that the RC had already granted several registrations under TI new source in similar cases where the technical was not registered. Further, the Appellate Authority also observed that there is no explicit mention in the guidelines of TI new source presaging that the technical should be mandatorily registered before consideration of the application under TI new source. The applicant has thus requested to grant the registration for the above product under TI new source. RC was of the view that the applicant should submit the required information w.r.t. the detailed chemical composition of the source registered in the country of origin etc. and decided to grant the registration to the captioned product subject to the submission of requisite information. Secretariat of CIB&RC was instructed to verify the same before the issuance of certificate of registration.
2.3	**Presentation by M/s Mahamaya Lifesciences Ltd., for grant of registration for indigenous manufacture for export of *Cymoxanil 8% + Folpet 64% WP* u/s 9(3).**

	RC decided to withdraw this agenda as the applicant was not having any clarity on the issue. RC grants liberty to the applicant to make a presentation in the next RC meeting if he so desires.
3.0	**Government Business**
3.1	**Confirmation of Data Verification/Generation by concerned institutes/labs submitted along with the application for registration of insecticides.**
	RC perused the agenda and expressed its serious concern about the submission of fake and fabricated reports of the institutes/labs by some of the applicants with an intent to deceive the RC and to obtained wrongful gain in obtaining the registrations based on this fake data/reports. RC directs the Secretariat to take all necessary steps for strong legal action against such applicants, along with the verification of such data/information/reports in such manner as may be appropriate so that the genuineness and veracity of the same should be established.
3.2	**Consideration of proforma/template for scrutiny of application under various categories of the Insecticides Act, 1968 for speeding-up of scrutiny process.**
	The RC perused the agenda and deliberated the same in details and appreciated the vision and subsequent efforts put by the Sectt. of CIB&RC for devising the templates, spelling out the technical information extracted from the data in addition to the data submitted by the applicant as per the applicable guidelines to be furnished by the applicants w.r.t Chemistry, Toxicology, Bioassay and Packaging in order to facilitate the Sectt. of CIB&RC for speedy examination of applications under various categories of registration within the stipulated time as provided under the statute. The draft templates are annexed as **Annexure-3.2.1**. RC also directed that the approved draft templates developed by the Sectt. of CIB&RC shall be kept on public domain for inviting suggestions of the stakeholders within a period of 30 days from the date of hosting of the minutes. The Sectt. of CIB&RC is also directed to issue a public notice to this effect. The comments/inputs/suggestion so received shall be analyzed and the same may be placed before the RC for appropriate decision and implementation.
4.0	**Export Cases**
4.1	**List of files 9(3) export.**
	RC deliberated the agenda and approved the applications for export as per List attached at **Annexure 4.1.1, 4.1.2, 4.1.3.**
4.2	**List of files 9(3) export.**
	RC deliberated the agenda and approved the applications for export as per List attached at **Annexure 4.2.1, 4.2.2, 4.2.3.**
5.0	**9(3B) Cases**
	NIL
6.0	**9(3) CASES**
	Bio-pesticides

6.1	**Consideration of an application of M/s Manidharma Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.2	**Consideration of an application of M/s Organica Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.3	**Consideration of an application of M/s Ecophytocare India Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.4	**Consideration of an application of M/s Shree Industries, for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.5	**Consideration of an application of M/s Viyoni Agro Chemicals India Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.6	**Consideration of an application of M/s GNP Agrosciences Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.7	**Consideration of an application of M/s Agrowin Agri solution Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.8	**Consideration of an application of M/s Universal Crop Care Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.9	**Consideration of an application of M/s Bharat Bio Gas Energy Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.10	**Consideration of an application of M/s Agriya Agro Tech, for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**

	RC deliberated the agenda and approved the same.
6.11	**Consideration of an application of M/s Agrilogy Bioscience Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.12	**Consideration of an application of M/s Mohogney Rasayan Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.13	**Consideration of an application of M/s Grace Bio Care Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.14	**Consideration of an application of M/s Puspanjali Agri Input Technologies, for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.15	**Consideration of an application of M/s Biotech International Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.16	**Consideration of an application of M/s Cocreate global Technologies Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.17	**Consideration of an application of M/s Hygenus Bioceutical Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.18	**Consideration of an application of M/s K-Gen Lifetech, for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.19	**Consideration of an application of M/s Kan Biosys Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.15% WP* under section 9(3). [Strain Ma-1, Accession No. MTCC 5173]**

	RC deliberated the agenda and approved the same.
6.20	**Consideration of an application of M/s Rom Vijay Bioo Tech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.15% WP* under section 9(3). [Strain Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.21	**Consideration of an application of M/s Symbiotics Biologicals, for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.5% LF* under section 9(3). [Strain : T. Stanes : Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.22	**Consideration of an application of M/s Shri Ram Solvent Extraction Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.5% LF* under section 9(3). [Strain : T. Stanes : Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.23	**Consideration of an application of M/s Indus Crop Care Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.5% LF* under section 9(3). [Strain : T. Stanes : Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.24	**Consideration of an application of M/s Bioprime Agrosolutions Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.5% LF* under section 9(3). [Strain : T. Stanes : Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.25	**Consideration of an application of M/s Rinati Crop Protection Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.5% LF* under section 9(3). [Strain :: T. Stanes : Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.26	**Consideration of an application of M/s GNP Agrosciences Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.5% LF* under section 9(3). [Strain : T. Stanes : Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.27	**Consideration of an application of M/s Maxgrow Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.5% LF* under section 9(3). [Strain : T. Stanes : Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.28	**Consideration of an application of M/s Agriya Agro Tech, for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.5% LF* under section 9(3). [Strain : T. Stanes : Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.

6.29	**Consideration of an application of M/s Ideal Agri Search Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.5% LF* under section 9(3). [Strain : T. Stanes : Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.30	**Consideration of an application of M/s Pollen Agro Minerals Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.5% LF* under section 9(3). [Strain : T. Stanes : Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.31	**Consideration of an application of M/s Agriland Biotech Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.5% LF* under section 9(3). [Strain : T. Stanes : Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.32	**Consideration of an application of M/s Vishakan Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.5% LF* under section 9(3). [Strain : T. Stanes : Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.33	**Consideration of an application of M/s Netsurf Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.5% LF* under section 9(3). [Strain : T. Stanes : Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.34	**Consideration of an application of M/s Sunshiv Agro Industries, for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.15% WP* under section 9(3). [Strain BB-ICAR-RJP, Accession No. MCC 1022]**
	RC deliberated the agenda and approved the same.
6.35	**Consideration of an application of M/s cocreate Global Technologies Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.15% WP* under section 9(3). [Strain BB-ICAR-RJP, Accession No. MCC 1022]**
	RC deliberated the agenda and approved the same.
6.36	**Consideration of an application of M/s Viyoni Agro Chemicals India Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.15% WP* under section 9(3). [Strain BB-ICAR-RJP, Accession No. MCC 1022]**
	RC deliberated the agenda and approved the same.
6.37	**Consideration of an application of M/s Manidharma Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.15% WP* under section 9(3). [Strain BB-ICAR-RJP, Accession No. MCC 1022]**
	RC deliberated the agenda and approved the same.
6.38	**Consideration of an application of M/s Bharat Bio Gas Energy Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.15% WP* under section 9(3). [Strain BB-ICAR-RJP, Accession No. MCC 1022]**

	RC deliberated the agenda and approved the same.
6.39	**Consideration of an application of M/s Anu Products Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.15% WP* under section 9(3). [Strain BB-ICAR-RJP, Accession No. MCC 1022]**
	RC deliberated the agenda and approved the same.
6.40	**Consideration of an application of M/s Esarams Biotech, for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.15% WP* under section 9(3). [Strain BB-ICAR-RJP, Accession No. MCC 1022]**
	RC deliberated the agenda and approved the same.
6.41	**Consideration of an application of M/s Biofarm, for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.15% WP* under section 9(3). [Strain BB-ICAR-RJP, Accession No. MCC 1022]**
	RC deliberated the agenda and approved the same.
6.42	**Consideration of an application of M/s Shri Samarth Agrotech, for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.5% LF* under section 9(3). [Strain T. Stanes Bb-1 Accession No. MTCC 5171]**
	RC deliberated the agenda and approved the same.
6.43	**Consideration of an application of M/s Indore Biotech Inputs & Research (P) Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.5% LF* under section 9(3). [Strain T. Stanes Bb-1 Accession No. MTCC 5171]**
	RC deliberated the agenda and approved the same.
6.44	**Consideration of an application of M/s Vishakan Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.5% LF* under section 9(3). [Strain T. Stanes Bb-1 Accession No. MTCC 5171]**
	RC deliberated the agenda and approved the same.
6.45	**Consideration of an application of M/s Agrowin Agri Solution Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.5% LF* under section 9(3). [Strain T. Stanes Bb-1 Accession No. MTCC 5171]**
	RC deliberated the agenda and approved the same.
6.46	**Consideration of an application of M/s Pollen Agro Minerals Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.5% LF* under section 9(3). [Strain T. Stanes Bb-1 Accession No. MTCC 5171]**
	RC deliberated the agenda and approved the same.
6.47	**Consideration of an application of M/s Ideal Agri Search Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Bacillus subtilis 1.5% AS* under section 9(3). [Strain KTSB-1015 & Accession No. MTCC 5786]**
	RC deliberated the agenda and approved the same.

6.48	**Consideration of an application of M/s GNP Agrosciences Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Bacillus subtilis 1.5% AS* under section 9(3). [Strain KTSB-1015 & Accession No. MTCC 5786]**
	RC deliberated the agenda and approved the same.
6.49	**Consideration of an application of M/s cocreate global Technologies Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Bacillus subtilis 1.5% AS* under section 9(3). [Strain KTSB-1015 & Accession No. MTCC 5786]**
	RC deliberated the agenda and approved the same.
6.50	**Consideration of an application of M/s Microplex (India), for grant of registration for indigenous manufacture of bio-pesticide *Bacillus subtilis 1.5% AS* under section 9(3). [Strain KTSB-1015 & Accession No. MTCC 5786]**
	RC deliberated the agenda and approved the same.
6.51	**Consideration of an application of M/s Cocreate Global Technologies Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Bacillus subtilis 1.5% LF* under section 9(3). [Strain Bs-1, Accession No. MTCC 25072]**
	RC deliberated the agenda and approved the same.
6.52	**Consideration of an application of M/s Biofac Inputs Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Bacillus thuringiensis var kurstaki 0.5% WP* under section 9(3). [Strain DOR-Bt-1, Accession no. NAIMCC-B-01118]**
	RC deliberated the agenda and approved the same.
6.53	**Consideration of an application of M/s Rinati Crop Protection Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Paecilomyces lilacinus 1.50% LF* under section 9(3). [Strain T Stanes: PL-1, Accession No. MTCC No. 5175]**
	RC deliberated the agenda and approved the same.
6.54	**Consideration of an application of M/s Mohogney Rasayan Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Paecilomyces lilacinus 1.50% LF* under section 9(3). [Strain T Stanes: PL-1, Accession No. MTCC No. 5175]**
	RC deliberated the agenda and approved the same.
6.55	**Consideration of an application of M/s Agrilogy Bioscience Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Paecilomyces lilacinus 1.50% LF* under section 9(3). [Strain T Stanes: PL-1, Accession No. MTCC No. 5175]**
	RC deliberated the agenda and approved the same.
6.56	**Consideration of an application of M/s Pollen Agro Minerals Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Paecilomyces lilacinus 1.50% LF* under section 9(3). [Strain T Stanes: PL-1, Accession No. MTCC No. 5175]**
	RC deliberated the agenda and approved the same.

6.57	**Consideration of an application of M/s Som Phytopharma (India) Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Paecilomyces lilacinus 1.50% LF* under section 9(3). [Strain T Stanes: PL-1, Accession No. MTCC No. 5175]**
	RC deliberated the agenda and approved the same.
6.58	**Consideration of an application of M/s Bioprime Agi Solutions Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
6.59	**Consideration of an application of M/s Microplex (India), for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
6.60	**Consideration of an application of M/s Esarams Biotech, for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
6.61	**Consideration of an application of M/s Rudram Bio Care LLP, for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
6.62	**Consideration of an application of M/s Manidharma Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
6.63	**Consideration of an application of M/s Agriya Agro Tech, for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.5% LF* under section 9(3). [Strain PF-1, Accession No. MTCC No. 5671]**
	RC deliberated the agenda and approved the same.
6.64	**Consideration of an application of M/s Cefone Microbial Technology LLP, for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.5% LF* under section 9(3). [Strain PF-1, Accession No. MTCC No. 5671]**
	RC deliberated the agenda and approved the same.
6.65	**Consideration of an application of M/s Focus Biotech, for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.5% LF* under section 9(3). [Strain PF-1, Accession No. MTCC No. 5671]**
	RC deliberated the agenda and approved the same.
6.66	**Consideration of an application of M/s Anand Agro Care, for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 2.0% AS* under section 9(3). [Strain IPL/PS-01, Accession No. MTCC No. 5727]**

	RC deliberated the agenda and approved the same.
6.67	**Consideration of an application of M/s K-Gen Lifetech, for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 2.0% AS* under section 9(3). [Strain IPL/PS-01, Accession No. MTCC No. 5727]**
	RC deliberated the agenda and approved the same.
6.68	**Consideration of an application of M/s Hygenus Bioceutical Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 2.0% AS* under section 9(3). [Strain IPL/PS-01, Accession No. MTCC No. 5727]**
	RC deliberated the agenda and approved the same.
6.69	**Consideration of an application of M/s Agriland Biotech Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 2.0% AS* under section 9(3). [Strain IPL/PS-01, Accession No. MTCC No. 5727]**
	RC deliberated the agenda and approved the same.
6.70	**Consideration of an application of M/s Mohogney Rasayan Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium chlamydosporium 1% WP* under section 9(3). [Strain IIHR VC-3, Accession No. ITCC 6898]**
	RC deliberated the agenda and approved the same.
6.71	**Consideration of an application of M/s GNP Agrosciences Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium chlamydosporium 1% WP* under section 9(3). [Strain IIHR VC-3, Accession No. ITCC 6898]**
	RC deliberated the agenda and approved the same.
6.72	**Consideration of an application of M/s shri Ram solvent Extraction Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium chlamydosporium 1% WP* under section 9(3). [Strain IIHR VC-3, Accession No. ITCC 6898]**
	RC deliberated the agenda and approved the same.
6.73	**Consideration of an application of M/s Bharat Bio Gas Energy Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium lecanii 1.15% WP* under section 9(3). [Strain AS-MEGH-VL, Accession No. MCC 1028].**
	RC deliberated the agenda and approved the same.
6.74	**Consideration of an application of M/s Patil Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium lecanii 1.15% WP* under section 9(3). [Strain AS-MEGH-VL, Accession No. MCC 1028].**
	RC deliberated the agenda and approved the same.
6.75	**Consideration of an application of M/s Cocreate Global Technologies Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium lecanii 1.15% WP* under section 9(3). [Strain AS-MEGH-VL, Accession No. MCC 1028].**

	RC deliberated the agenda and approved the same.
6.76	**Consideration of an application of M/s Viyoni Agro Chemicals India Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium lecanii 1.15% WP* under section 9(3). [Strain AS-MEGH-VL, Accession No. MCC 1028].**
	RC deliberated the agenda and approved the same.
6.77	**Consideration of an application of M/s Esarams Biotech, for grant of registration for indigenous manufacture of bio-pesticide *Verticillium lecanii 1.15% WP* under section 9(3). [Strain AS-MEGH-VL, Accession No. MCC 1028].**
	RC deliberated the agenda and approved the same.
6.78	**Consideration of an application of M/s Arizona Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium lecanii 1.5% LF* under section 9(3). [Strain : T. Stanes VI-1, Accession No. MTCC 5172]**
	RC deliberated the agenda and approved the same.
6.79	**Consideration of an application of M/s Pollen Agro Minerals Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium lecanii 1.5% LF* under section 9(3). [Strain : T. Stanes VI-1, Accession No. MTCC 5172]**
	RC deliberated the agenda and approved the same.
6.80	**Consideration of an application of M/s Vishakan Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium lecanii 1.5% LF* under section 9(3). [Strain : T. Stanes VI-1, Accession No. MTCC 5172]**
	RC deliberated the agenda and approved the same.
6.81	**Consideration of an application of M/s Krishi Vigyan Kendra, for grant of registration for indigenous manufacture of bio-pesticide *Verticillium lecanii 1.5% LF* under section 9(3). [Strain : T. Stanes VI-1, Accession No. MTCC 5172]**
	RC deliberated the agenda and approved the same.
6.82	**Consideration of an application of M/s Ideal Agri Search Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium lecanii 1.5% LF* under section 9(3). [Strain : T. Stanes VI-1, Accession No. MTCC 5172]**
	RC deliberated the agenda and approved the same.
6.83	**Consideration of an application of M/s Rinati Crop Protection Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium lecanii 1.5% LF* under section 9(3). [Strain : T. Stanes VI-1, Accession No. MTCC 5172]**
	RC deliberated the agenda and approved the same.
6.84	**Consideration of an application of M/s Grow Indigo Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma harzianum 1.0% WP* under section 9(3). [Strain IIHR Th-2, Accession No. ITCC No. 6888]**
	RC deliberated the agenda and approved the same.

6.85	**Consideration of an application of M/s Rudram Bio Care LLP, for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma harzianum 1.0% WP* under section 9(3). [Strain IIHR Th-2, Accession No. ITCC No. 6888]**
	RC deliberated the agenda and approved the same.
6.86	**Consideration of an application of M/s Shree Industries, for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma harzianum 1.0% WP* under section 9(3). [Strain IIHR Th-2, Accession No. ITCC No. 6888]**
	RC deliberated the agenda and approved the same.
6.87	**Consideration of an application of M/s cocreate global Technologies Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma harzianum 1.0% WP* under section 9(3). [Strain IIHR Th-2, Accession No. ITCC No. 6888]**
	RC deliberated the agenda and approved the same.
6.88	**Consideration of an application of M/s GNP Agrosciences Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma harzianum 1.0% WP* under section 9(3). [Strain IIHR Th-2, Accession No. ITCC No. 6888]**
	RC deliberated the agenda and approved the same.
6.89	**Consideration of an application of M/s Shri Ram Solvent Extraction Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma harzianum 2% AS* under section 9(3). [Strain IPL/VT/102, Accession No. ITCC 6893]**
	RC deliberated the agenda and approved the same.
6.90	**Consideration of an application of M/s Universal Crop Care Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma harzianum 2% AS* under section 9(3). [Strain IPL/VT/102, Accession No. ITCC 6893]**
	RC deliberated the agenda and approved the same.
6.91	**Consideration of an application of M/s Ideal Agri Search Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma harzianum 2% AS* under section 9(3). [Strain IPL/VT/102, Accession No. ITCC 6893]**
	RC deliberated the agenda and approved the same.
6.92	**Consideration of an application of M/s Beeverley Bio Products, for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma harzianum 2% AS* under section 9(3). [Strain IPL/VT/102, Accession No. ITCC 6893]**
	RC deliberated the agenda and approved the same.
6.93	**Consideration of an application of M/s Rinati Crop Protection Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% LF* under section 9(3). [Strain TV-1, Accession No. MTCC 5170]**
	RC deliberated the agenda and approved the same.

6.94	**Consideration of an application of M/s Biofac Inputs Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% LF* under section 9(3). [Strain TV-1, Accession No. MTCC 5170]**
	RC deliberated the agenda and approved the same.
6.95	**Consideration of an application of M/s Agrowin Agri Solution Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% LF* under section 9(3). [Strain TV-1, Accession No. MTCC 5170]**
	RC deliberated the agenda and approved the same.
6.96	**Consideration of an application of M/s Agriland Biotech Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% LF* under section 9(3). [Strain TV-1, Accession No. MTCC 5170]**
	RC deliberated the agenda and approved the same.
6.97	**Consideration of an application of M/s Bharat Bio Gas Energy Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% WP* under section 9(3). [Strain IIHR TV-5, Accession No. ITCC 6889]**
	RC deliberated the agenda and approved the same.
6.98	**Consideration of an application of M/s Agro Bio Tech Research Centre Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% WP* under section 9(3). [Strain IIHR TV-5, Accession No. ITCC 6889]**
	RC deliberated the agenda and approved the same.
6.99	**Consideration of an application of M/s Shree Industries, for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% WP* under section 9(3). [Strain IIHR TV-5, Accession No. ITCC 6889]**
	RC deliberated the agenda and approved the same.
6.100	**Consideration of an application of M/s Patil Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% WP* under section 9(3). [Strain IIHR TV-5, Accession No. ITCC 6889]**
	RC deliberated the agenda and approved the same.
6.101	**Consideration of an application of M/s Shree Ram Agro Chemicals Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% WP* under section 9(3). [Strain IIHR TV-5, Accession No. ITCC 6889]**
	RC deliberated the agenda and approved the same.
6.102	**Consideration of an application of M/s Dhana Crop Sciences Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% WP* under section 9(3). [Strain IIHR TV-5, Accession No. ITCC 6889]**
	RC deliberated the agenda and approved the same.
6.103	**Consideration of an application of M/s Cocreate Global Technologies Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% WP* under section 9(3). [Strain IIHR TV-5, Accession No. ITCC 6889]**

	RC deliberated the agenda and approved the same.
6.104	**Consideration of an application of M/s Viyoni Agro Chemicals India Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% WP* under section 9(3). [Strain IIHR TV-5, Accession No. ITCC 6889]**
	RC deliberated the agenda and approved the same.
6.105	**Consideration of an application of M/s Esarams Biotech, for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% WP* under section 9(3). [Strain IIHR TV-5, Accession No. ITCC 6889]**
	RC deliberated the agenda and approved the same.
6.106	**Consideration of an application of M/s Shri Ram Solvent Extraction Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% WP* under section 9(3). [Strain IIHR TV-5, Accession No. ITCC 6889]**
	RC deliberated the agenda and approved the same.
6.107	**Consideration of an application of M/s Manidharma Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% WP* under section 9(3). [Strain IIHR TV-5, Accession No. ITCC 6889]**
	RC deliberated the agenda and approved the same.
6.108	**Consideration of an application of M/s Sriven Organics Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium lecanii 1.5% LF* under section 9(3). [Strain : T. Stanes VI-1, Accession No. MTCC 5172]**
	RC deliberated the agenda and approved the same.
6.109	**Consideration of an application of M/s Patil Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% LF* under section 9(3). [Strain TV-1, Accession No. MTCC 5170]**
	RC deliberated the agenda and approved the same.
6.110	**Consideration of an application of M/s Patil Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium lecanii 1.5% LF* under section 9(3). [Strain : T. Stanes VI-1, Accession No. MTCC 5172]**
	RC deliberated the agenda and approved the same.
6.111	**Consideration of an application of M/s 4U2NV, for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% WP* under section 9(3). [Strain IIHR TV-5, Accession No. ITCC 6889]**
	RC deliberated the agenda and approved the same.
6.112	**Consideration of application of Bio-pesticides u/s 9(3) for rejection.**
	RC deliberated the agenda and approved for rejection the applications as per **Annexure-6.112.1**

6.113	**Consideration of an application of M/s Besticide Minerals Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
6.114	**Consideration of an application of M/s Rinati Crop Protection Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.5% LF* under section 9(3). [Strain T. Stanes Bb-1 Accession No. MTCC 5171]**
	RC deliberated the agenda and approved the same.
6.115	**Consideration of an application of M/s Dhana Crop Sciences Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
6.116	**Consideration of an application of M/s Bhoomi Bio Industries, for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
6.117	**Consideration of an application of M/s TRM Biotech Pvt Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.5% LF* under section 9(3). [Strain PF-1, Accession No. MTCC No. 5671]**
	RC deliberated the agenda and approved the same.
6.118	**Consideration of an application of M/s Grow Indigo Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
	<u>Chemicals</u>
6.119	**Consideration of an application of M/s UPL Ltd., for grant of registration for technical indigenous manufacture of *Mesotrione Technical 96% w/w min.* under section 9(3) TIM vs TI.**
	RC deliberated the agenda and approved for grant of registration for Indigenous manufacture of Mesotrione Technical 96% w/w min. A cautionary statement may be incorporated on the label and leaflet "The product is very toxic to fish, and aquatic organisms, thus its uses in and around aquaculture should be avoided."
6.120	**Consideration of an application of M/s UPL Ltd., for grant of registration for technical indigenous manufacture of *Saflufenacil technical 96.40% w/w min.* under section 9(3) TIM vs TI.**
	RC deliberated the agenda and approved for grant of registration for Indigenous manufacture of Saflufenacil technical 96.40% w/w min. A cautionary statement may be incorporated on the label and leaflet "The product is very toxic to fish, and aquatic organisms, thus its uses in and around aquaculture should be avoided."

6.121	**Consideration of an application of M/s ADAMA India Pvt. Ltd., for grant of registration for technical indigenous manufacture of *Spirotetramat Technical 96% w/w min.* under section 9(3) TIM vs TI.**
	RC deliberated the agenda and approved for grant of registration for Indigenous manufacture of Spirotetramat Technical 96% w/w min**.** A cautionary statement may be incorporated on the label and leaflet "The product is very toxic to fish, and aquatic organisms, thus its uses in and around aquaculture should be avoided."
6.122	**Consideration of an application of M/s Best Crop Science Pvt. Ltd., for grant of registration for technical indigenous manufacture of *Etoxaconazole Technical 94.60% w/w min.* under section 9(3) TIM vs FI.**
	RC deliberated the agenda and approved for grant of registration for Indigenous manufacture of Etoxaconazole Technical 94.60% w/w min.
6.123	**Consideration of an application of M/s BASF India Ltd., for grant of registration for import of *Quinclorac technical 96% w/w min. w/w min.* under section 9(3) TI.**
	RC deliberated the agenda and approved for grant of registration for Technical Import of *Quinclorac technical 96% w/w min.* to M/s BASF India Ltd., from source OCI Company Ltd. OCI Building, 94 Sogong-dong, Jung-gu, Seoul 100-718, South Korea (The product has no expiry of the validity in the source country.) u/s 9(3) TI of Insecticide Act,1968.
6.124	**Consideration of an application of M/s Syngenta India Ltd., for grant of registration for import of *Trinexapac Ethyl Technical 95% w/w min. w/w min.* under section 9(3) TI.**
	RC deliberated the agenda and approved for grant of registration for Technical Import of *Trinexapac Ethyl Technical 95% w/w min.* to M/s Syngenta India Ltd. from source Syngenta Crop Protection Monthey SA, Route de I'lle au Bois, CH-1870, Monthey, Switzerland through supplier Syngenta Crop Protection AG, Basel, Switzerland u/s 9(3) TI of Insecticide Act,1968.
6.125	**Consideration of an application of M/s Atul Ltd., for grant of registration for indigenous manufacture of *2, 4-D sodium 95% WDG* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of *2, 4-D sodium 95% WDG for* control of weeds *Eclipta alba*, *Monochoria vaginalis*, *Cyperus iria*, *Ludwigia parviflora*, *Cyperus difformis* in Transplanted rice crop. A cautionary statement may be incorporated on the label and leaflet 'The product is toxic if inhaled and may cause eye irritation'.
6.126	**Consideration of an application of M/s Atul Ltd., for grant of registration for indigenous manufacture of *Azoxystrobin 1.5% + Carbendazim 8.0% + Thiamethoxam 30% FS* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of *Azoxystrobin 1.5% + Carbendazim 8.0% + Thiamethoxam 30% FS* for control of Collar rot (*Aspergillus niger*), Stem rot (*Sclerotium rolfsii*), Root rot (*Macrophomina phaseolina*), White grubs (*Holotrichia spp*.) and Termites (*Odontotermes spp.*) in ground nut and to control *Fusarium* root rot, *Phytophthora* root rot, *Rhizoctonia seedling blight*, *Pythium* seedling blight, Stem fly (*Melanagromyza sojae*), White grub (*Holotrichia spp*.), Termite (*Odontotermes spp.*) in soybean.
6.127	**Consideration of an application of M/s Atul Ltd., for grant of registration for indigenous manufacture of *Azoxystrobin 4% + Isoprothiolane 12% + Mancozeb 30% WP* under section 9(3) FIM.**

	RC deliberated the agenda and approved for grant of registration of *Azoxystrobin 4% + Isoprothiolane 12% + Mancozeb 30% WP* for control of Blast and Sheath blight diseases in Rice crop.
6.128	**Consideration of an application of M/s Syngenta India Ltd., for grant of registration for indigenous manufacture of *Trinexapac ethyl 25.5% EC* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of *Trinexapac ethyl 25.5% EC* for use as PGR to prevent lodging of Transplanted rice crop subject to MRL fixation on transplanted rice crop. This product shelf life of one and a half years, as 24-months stability data were submitted by the applicant.
6.129	**Consideration of an application of M/s Chemley Agritech Pvt. Ltd., for grant of registration for indigenous manufacture of *Chlorantraniliprole 6% + Indoxacarb 7.25 + Emamectin benzoate 2.5% SC* under section 9(3) FIM.**
	RC deliberated the agenda and approved the grant of registration of *Chlorantraniliprole 6% + Indoxacarb 7.25 + Emamectin benzoate 2.5% SC* for the control of thrips, fruit borer and tobacco caterpillar on chilli crop only. Subject to the fixation of MRL and to submission of a revised chemical composition specifying the active and inactive isomers of Indoxacarb separately on Form-I, NJSP and L/Ls, as the Chemical composition currently reflects only the total Indoxacarb content of 7.25%.
6.130	**Consideration of an application of M/s JU Agrisciences Pvt. Ltd., for grant of registration for indigenous manufacture of *Chlorothalonil 35% + Cymoxanil 15% + Metalaxyl 2% SC* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of *Chlorothalonil 35% + Cymoxanil 15% + Metalaxyl 2% SC* for control of Early Blight (*Alternaria solani*) and Late blight (*Phytophthora infestans*) diseases in Tomato crop subjected to MRL fixation.
6.131	**Consideration of an application of M/s Willowood Chemicals Ltd., for grant of registration for indigenous manufacture of *Emamectin benzoate 1% + Methoxyfenozide 21% + Tebuconazole 18.75% SC* under section 9(3) FIM.**
	RC deliberated the agenda and approved the grant of registration of *Emamectin benzoate 1% + Methoxyfenozide 21% + Tebuconazole 18.75% SC* for the control of fruit borer, thrips and mites on chilli crop only. Subject to the fixation of MRL.
6.132	**Consideration of an application of M/s SML Ltd., for grant of registration for indigenous manufacture of *Profenofos 50% WDG* under section 9(3) FIM.**
	RC deliberated the agenda and approved the grant of registration of *Profenofos 50% WDG* for the control of Jassids, aphids, thrips, white fly, american bollworm, and pink bollworm on cotton crop and Green semilooper, white fly, girdle beetle and tobacco leaf eating caterpillar on soya bean crop only. Subject to the fixation of MRL.
6.133	**Consideration of an application of M/s Biostadt India Ltd., for grant of registration for indigenous manufacture of *Kasugamycin 1% + Tebuconazole 14% + Kresoxim methyl 20% SC* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of *Kasugamycin 1% + Tebuconazole 14% + Kresoxim methyl 20% SC* for control of Leaf & Panicle blast *(Pyricularia oryzae)*, Sheath blight (*Rhizoctonia solani*), Bacterial leaf blight *(Xanthomonas oryzae)* and Grain discoloration diseases in Rice crop.
6.134	**Consideration of an application of M/s Crystal Crop Protection Ltd., for grant of registration for indigenous manufacture of *Emamectin benzoate 5.2% ME* under section 9(3) FIM.**

	RC deliberated the agenda and approved the grant of registration of *Emamectin benzoate 5.2% ME* for the control of pod borer (*Helicoverpa armigera*) on pigeon pea crop only. Subject to the fixation of MRL.
6.135	**Follow up agenda for consideration of an application of M/s Crystal Crop Protection Ltd., for grant of registration for indigenous manufacture of *Quizalofop ethyl 3.6% + Fomesafen 12% + Imazethapyr 7% SC* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of *Quizalofop ethyl 3.6% + fomesafen 12% + Imazethapyr 7% SC for* control of weeds *Acalypha indica ,Parthenium hysterophorus ,Commelina benghalensis, Cyperus rotundus, Digera arvensis, Cynodon dactylon , Setaria viridis* and *Echinochloa colona* in soyabean crop.
6.136	**Consideration of an application of M/s ADAMA India Pvt. Ltd., for grant of registration for indigenous manufacture of *spirotetramat 9.43% + Difenthiuron 28.30% SC* under section 9(3) FIM.**
	RC deliberated the agenda and approved the grant of registration of *Spirotetramat 9.43% + Difenthiuron 28.30% SC* for the control of thrips (*Scirtothrips dorsalis*), fruit borer (*Helicoverpa armigera*), tobacco caterpillar (*Spodoptera litura*) on chilli crop only. Subject to the fixation of MRL. A cautionary statement may be incorporated on the label and leaflet 'The product is toxic upon inhalation".
6.137	**Consideration of an application of M/s Coromandel International Ltd for grant of registration for indigenous manufacture of *Picoxystrobin 2.5% + Didmethomorph 16.5% + Mancozeb 50% WP* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of *Picoxystrobin 2.5% + Dimethomorph 16.5% + Mancozeb 50% WP* for control of Early blight (*Alternaria solani*) and Late blight (*Phytophthora infestans*) in Tomato and Potato Crop subject to MRL fixation.
6.138	**Consideration of an application of M/s Jyothy Labs Ltd., for grant of registration for indigenous manufacture of *Transfluthrin 0.75% Mosquito Agarbatti* under section 9(3) FIM.**
	RC deliberated the agenda and approved the grant of registration of *Transfluthrin 0.75% Mosquito Agarbatti* for the control of mosquito species *Anopheles stephensi, Aedes aegypti* and *Culex quinquefasciatus* under household condition.
6.139	**Consideration of an application of M/s Coromandel International Ltd., for grant of registration for indigenous manufacture of *Nitenpyram 15% + Pyriproxyfen 20% EC* under section 9(3) FIM.**
	RC deliberated the agenda and approved the grant of registration of *Nitenpyram 15% + Pyriproxyfen 20% EC* for the control of leaf hopper (*Amrasca biguttula bigutulla*) and whitefly (*Bemisia tabaci*) on cotton crop. A cautionary statement may be incorporated on the label and leaflet "The product is highly toxic to honey bees, thus the product containing molecule should be avoided during active foraging period of bees". Subject to the fixation of MRL.
6.140	**Consideration of an application of M/s Parijat Industries India Ltd., for grant of registration for indigenous manufacture of *Chlorantraniliprole 0.4% + Fipronil 0.6% + Chlothianidin 1.0% GR* under section 9(3) FIM.**
	RC deliberated the agenda and approved the grant of registration of *Chlorantraniliprole 0.4% + Fipronil 0.6% + Chlothianidin 1.0% GR* for the control of white grub and termite on groundnut; yellow stem borer, leaf folder and gall midge on paddy; white grub, termite and early shoot borer on sugarcane crop. Subject to the fixation of MRL. A cautionary

	statement may be incorporated on the label and leaflet 'The product is highly toxic to aquatic organisms, fish and honeybees thus the product may be avoided near aquaculture and during active bee foraging period of the day'.
6.141	**Consideration of an application of M/s Krishi Rasayan Exports Pvt. Ltd., for grant of registration for indigenous manufacture of *Ametoctradin 25% + Metalaxyl 20% WDG* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of *Ametoctradin 25% + Metalaxyl 20% WDG* for control of Damping off (*Pythium aphanidermatum*), Late blight (*Phytophthora infestans*) disease in tomato crop.
6.142	**Consideration of an application of M/s Indofil Industries Ltd., for grant of registration for indigenous manufacture of *Mefentrifluconazole 12% + Thifluzamide 18% SC* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of *Mefentrifluconazole 12% + Thifluzamide 18% SC* for control of Brown spot, Sheath blight, False smut, Grain discoloration disease in Paddy crop subject to MRL fixation.
6.143	**Consideration of an application of M/s FMC India Pvt. Ltd., for grant of registration for indigenous manufacture of *Beflubutamid 166 g/l + Pretilachlor 417 g/l SE* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of Beflubutamid 166 g/l + Pretilachlor 417 g/l SE *for* control of weeds - *Echinochloa colonum, Echinochloa crusgalli, Leptochloa chinensis, Cyperus difformis, Cyperus iria, Scirpus juncoides, Monochoria vaginalis, Bergia capensis, Ludwigia parviflora, Sphenoclea zeylanica* in Transplanted rice crop.
6.144	**Consideration of an application of M/s Agro Life Science Corporation, for grant of registration for indigenous manufacture of *Azoxystrobin 12% + Fenpyroximate 2.5% + Emamectin benzoate 1% WG* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of Azoxystrobin *12% + Fenpyroximate 2.5% + Emamectin benzoate 1% WG* for control of Fruit rot/Anthracnose (*Colletotrichum capsici*), Powdery mildew (*Leveillula taurica*) disease and *Helicoverpa armigera, Scirtothrips dorsalis, Polyphagotaresonemus latus* on chilli crop u/s 9(3) FIM of Insecticide Act,1968 subject to MRL fixation.
6.145	**Consideration of an application of M/s UPL Ltd., for grant of registration for indigenous manufacture of *Metolachlor 36.8% + Mesotrione 3.68% SE* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of Metolachlor 36.8% + Mesotrione 3.68% SE *for* control of weeds - *Echinochloa colona, Digitaria sanguinalis, Cynodon dactylon, Eleusine indica, Portulaca oleracea, Amaranthus viridis, Phyllanthus niruri, Commelina diffusa* in Maize crop subject to MRL fixation of metolachlor on maize crop.
6.146	**Consideration of an application of M/s BASF India Ltd., for grant of registration for indigenous manufacture of *Boscalid 25.2% + Pyraclostrobin 12.8% WG* under section 9(3) FIM vs FI.**
	RC deliberated the agenda and approved for grant of registration of Boscalid 25.2% + Pyraclostrobin 12.8% WG for control of Downey Mildew& Powdery mildew in Grape; Powdery mildew in Chilli & Apple; Purple blotch in Onion; Early blight in Tomato.

6.147	**Consideration of an application of M/s UPL Ltd., for grant of registration for indigenous manufacture of *Propanil 35.1% + Penoxasulam 0.9% SC* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of Propanil 35.1% + Penoxasulam 0.9% SC for control of weeds *Echinochloa colona, Leptochloa chinensis, Panicum maximum, Ammania baccifera, Ludwigia parviflora, Eclipta alba, Cyperus iria, Cyperus difformis, Fimbristylis miliacea* in direct seeded rice crop and *Echinochloa colona, Leptochloa chinensis, Panicum maximum, Ammania baccifera, Ludwigia parviflora, Cyperus iria, Cyperus difformis, Fimbristylis miliacea* in transplanted rice crop. A cautionary statement may be incorporated on the label and leaflet "The product is very toxic to fish, and aquatic organisms, thus its uses in and around aquaculture should be avoided."
6.148	**Consideration of an application of M/s Best Crop Science Pvt. Ltd., for grant of registration for technical indigenous manufacture of *Fluxapyroxad technical 98% w/w min.* under section 9(3) TIM vs FI.**
	RC deliberated the agenda and approved for grant of registration for Indigenous manufacture of Fluxapyroxad technical 98% w/w min.
6.149	**Consideration of an application of M/s Bayer CropScience Ltd., for grant of registration for import of *Fluxapiprolin 2.65% + Fluopicolide 17.70% SC* under section 9(3) FI.**
	RC deliberated the agenda and approved for grant of registration for Formulation Import of *Fluxapiprolin 2.65% + Fluopicolide 17.70% SC* from source Bayer SAS France, Villefranche 1avenue Edouard Herriot, F-69400, Villefranche Limas, France (The product has no expiry of the validity in the source country) for control Downy Mildew Disease in Grape, Downy mildew in Cucumber crop, Late blight of Tomato crop and Late Blight of Potato crop.
6.150	**Consideration of an application of M/s Bayer CropScience Ltd., for grant of registration for import of *Aclonifen 49.58% SC* under section 9(3) FI.**
	RC deliberated the agenda and approved for grant of registration for import of Aclonifen 49.58% SC from source Bayer SAS, 1 avenue Edouard Herriot, 69400 Villefranche, France (The product has no expiry of the validity in the source country) *for* control of weeds *Phalaris minor, Chenopodium album, Medicago denticulate, Rumex dentatus* in wheat crop subject to MRL fixation of Aclonifen on wheat crop. A cautionary statement may be incorporated on the label and leaflet "The product is very toxic to fish, and aquatic organisms, thus its uses in and around aquaculture should be avoided."
	<u>Bio-pesticides</u>
6.151	**Consideration of an application of M/s Agricultural Micro Organism Manufacturers and Farmers Association, for grant of registration of indigenous manufacture of *Bacillus firmus 1.5% AS* [Strain-AMMFA-BF1 NCMR, Accession No. MCC-0584]**
	RC deliberated the agenda and approved the grant of registration of *Bacillus firmus 1.5% AS* [Strain-AMMFA-BF1 NCMR, Accession No. MCC-0584] under section 9(3) of Insecticide Act, 1968 for the control of root knot nematode (*Meloidogyne incognita*) on tomato crop only.

6.152	**Consideration of an application of M/s Indus Crop Care Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Bacillus subtilis 1.5% AS* under section 9(3). [Strain KTSB-1015 & Accession No. MTCC 5786]**
	RC deliberated the agenda and approved the same.
6.153	**Consideration of an application of M/s Pollen Agro Minerals Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.154	**Consideration of an application of M/s Sonkul Agro Industries Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.155	**Consideration of an application of M/s Star Fertilizer and Pesticide, for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.5% LF* under section 9(3). [Strain :T. Stanes : Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.156	**Consideration of an application of M/s Varsha Agro Industries, for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% WP* under section 9(3). [Strain IIHR TV-5, Accession No. ITCC 6889]**
	RC deliberated the agenda and approved the same.
6.157	**Consideration of an application of M/s Gujarat Life Sciences Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% LF* under section 9(3). [Strain TV-1, Accession No. MTCC 5170]**
	RC deliberated the agenda and approved the same.
6.158	**Consideration of an application of M/s Jay research And Biotech India Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% LF* under section 9(3). [Strain TV-1, Accession No. MTCC 5170]**
	RC deliberated the agenda and approved the same.
6.159	**Consideration of an application of M/s Sai Crop Science Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% LF* under section 9(3). [Strain TV-1, Accession No. MTCC 5170]**
	RC deliberated the agenda and approved the same.
6.160	**Consideration of an application of M/s Nova Agri Tech Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
6.161	**Consideration of an application of M/s Dhana Crop Sciences Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.5% LF* under section 9(3). [Strain PF-1, Accession No. MTCC No. 5671]**

	RC deliberated the agenda and approved the same.
6.162	**Consideration of an application of M/s Gujarat Life Sciences Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 2.0% AS* under section 9(3). [Strain IPL/PS-01, Accession No. MTCC No. 5727]**
	RC deliberated the agenda and approved the same.
6.163	**Consideration of an application of M/s Pollen Agro Minerals Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 2.0% AS* under section 9(3). [Strain IPL/PS-01, Accession No. MTCC No. 5727]**
	RC deliberated the agenda and approved the same.
6.164	**Consideration of an application of M/s Sai Crop Science Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Paecilomyces lilacinus 1.50% LF* under section 9(3). [Strain T Stanes: PL-1, Accession No. MTCC No. 5175]**
	RC deliberated the agenda and approved the same.
6.165	**Consideration of an application of M/s Wellcrop Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.5% LF* under section 9(3). [Strain T. Stanes Bb-1 Accession No. MTCC 5171]**
	RC deliberated the agenda and approved the same.
6.166	**Consideration of an application of M/s Netsurf Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.5% LF* under section 9(3). [Strain T. Stanes Bb-1 Accession No. MTCC 5171]**
	RC deliberated the agenda and approved the same.
6.167	**Consideration of an application of M/s Patil Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.5% LF* under section 9(3). [Strain T. Stanes Bb-1 Accession No. MTCC 5171]**
	RC deliberated the agenda and approved the same.
6.168	**Consideration of an application of M/s Bioprime Agrisolutions Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Beauveria bassiana 1.15% WP* under section 9(3). [Strain BB- ICAR-RJP, Accession No. MCC 1022]**
	RC deliberated the agenda and approved the same.
6.169	**Consideration of an application of M/s Sriven Organics Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Bacillus subtilis 1.5% AS* under section 9(3). [Strain KTSB-1015 & Accession No. MTCC 5786]**
	RC deliberated the agenda and approved the same.
6.170	**Consideration of an application of M/s Patil Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Bacillus subtilis 1.5% AS* under section 9(3). [Strain KTSB-1015 & Accession No. MTCC 5786]**
	RC deliberated the agenda and approved the same.

6.171	**Consideration of an application of M/s Patil Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.15% WP* under section 9(3). [Strain Ma-1, Accession No. MTCC 5173]**
	RC deliberated the agenda and approved the same.
6.172	**Consideration of an application of M/s Wellcrop Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Metarhizium anisopliae 1.0% WP* under section 9(3). [Strain IPL/KC/44, Accession No. ITCC 6895]**
	RC deliberated the agenda and approved the same.
6.173	**Consideration of an application of M/s Varsha Bioscience and Technology India Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Paecilomyces lilacinus 1.50% LF* under section 9(3). [Strain T Stanes: PL-1, Accession No. MTCC No. 5175]**
	RC deliberated the agenda and approved the same.
6.174	**Consideration of an application of M/s Wellcrop Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% LF* under section 9(3). [Strain TV-1, Accession No. MTCC 5170]**
	RC deliberated the agenda and approved the same.
6.175	**Consideration of an application of M/s Wellcrop Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% WP* under section 9(3). [Strain IIHR TV-5, Accession No. ITCC 6889]**
	RC deliberated the agenda and approved the same.
6.176	**Consideration of an application of M/s wellcrop Biotech Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Verticillium chlamydosporium 1% WP* under section 9(3). [Strain IIHR VC-3, Accession No. ITCC 6898]**
	RC deliberated the agenda and approved the same.
6.177	**Consideration of an application of M/s Bharat Bio Gas Energy Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
6.178	**Consideration of an application of M/s Mohogney Rasayan Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
6.179	**Consideration of an application of M/s Cocreate Global Technologies Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.

6.180	**Consideration of an application of M/s Hindustan Rasayan Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
6.181	**Consideration of an application of M/s Sonkul Agro Industries Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
6.182	**Consideration of an application of M/s Suhshiv Agro Industries, for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.0% WP* under section 9(3). [Strain IIHR PF-2, Accession No. ITCC No. B0034]**
	RC deliberated the agenda and approved the same.
6.183	**Consideration of an application of M/s Hindustan Gum & Chemicals Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 2.0% AS* under section 9(3). [Strain IPL/PS-01, Accession No. MTCC No. 5727]**
	RC deliberated the agenda and approved the same.
6.184	**Consideration of an application of M/s Ideal Agri Search Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 2.0% AS* under section 9(3). [Strain IPL/PS-01, Accession No. MTCC No. 5727]**
	RC deliberated the agenda and approved the same.
6.185	**Consideration of an application of M/s GNP Agrosciences Pvt. Ltd., for grant of registration for indigenous manufacture of bio-pesticide *Pseudomonas fluorescens 1.5% LF* under section 9(3). [Strain PF-1, Accession No. MTCC No. 5671]**
	RC deliberated the agenda and approved the same.
6.186	**Consideration of an application of M/s Mahatma Ghandi Mission Krishi Vigyan Kendra, for grant of registration for indigenous manufacture of bio-pesticide *Trichoderma viride 1.5% LF* under section 9(3). [Strain TV-1, Accession No. MTCC 5170]**
	RC deliberated the agenda and approved the same.
	<u>Chemicals</u>
6.187	**Consideration of an application of M/s Crystal crop Protection Ltd., for grant of registration for indigenous manufacture of *Gibberellic acid 1.8% + 6-Benzylaminopurine 1.8% L* under section 9(3) FIM vs FI.**
	RC deliberated the agenda and approved for grant of registration of Gibberellic acid 1.8% + 6-Benzylaminopurine 1.8% L for use as PGR in apple crop to increase the yield through enhancement of fruit size and weight, to improve the shape and development of prominent calyx lobes (typiness), increase lateral bud break and shoot growth (branching) & improving branch angle of nursery stock young apple trees.

6.188	**Consideration of an application of M/s BASF India Ltd., for grant of registration for indigenous manufacture of *Boscalid 25.2% + Pyraclostrobin 12.8% WG* under section 9(3) FIM vs FI.**
	RC deliberated the agenda and approved for grant of registration of *Boscalid 25.2% + Pyraclostrobin 12.8% WG* for control of Downey Mildew& Powdery mildew of Grapes, Powdery mildew of Chilli and Apple, Purple blotch of onion and early blight of tomato crop.
6.189	**Consideration of an application of M/s Syngenta India Ltd., for grant of registration for indigenous manufacture of *Isopyrazam 11.5% + Difenconazole 11.5% SC* under section 9(3) FIM vs FI.**
	RC deliberated the agenda and approved for grant of registration of *Isopyrazam 11.5% + Difenconazole 11.5% SC* for control of Sheath Blight (Rhizoctonia solani, Brown Leaf Spot (Helminthosporim oryzae) diseases in rice crop.
6.190	**Consideration of an application of M/s Rallis India Ltd., for grant of registration for indigenous manufacture of *Imidacloprid 0.03% Gel* under section 9(3) FIM vs FI.**
	RC deliberated the agenda and approved the grant of registration of *Imidacloprid 0.03% Gel for the control of* Pharaoh ant (*Monomorium pharaonis*), Small black ant (*Monomorium indicum*), Crazy ant (*Paratrechina longicomis*), Ghost ant (*Tapinoma melanocephalum*) under household conditions.
6.191	**Consideration of an application of M/s Rallis India Ltd., for grant of registration for indigenous manufacture of *Imidacloprid 2.15% Gel* under section 9(3) FIM vs FI.**
	RC deliberated the agenda and approved the grant of registration of *Imidacloprid 2.15% Gel* for the control of German and American cockroaches under household conditions.
6.192	**Consideration of an application of M/s Seedling India Pvt. Ltd., for grant of registration for indigenous manufacture of *Isoprothiolane 15% + Trifloxystrobin 2.5% + Pymetrozine 7.5% SE* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of *Isoprothiolane 15% + Trifloxystrobin 2.5% + Pymetrozine 7.5% SE* for control of Sheath Blight, Blast (Leaf and Neck) diseases, Brown plant hopper, Green leaf hopper in Paddy.
6.193	**Consideration of an application of M/s Sumitomo Chemical India Ltd., for grant of registration for indigenous manufacture of *Pyridalyl 7% + Emamectin benzoate 1% EC* under section 9(3) FIM.**
	RC deliberated the agenda and approved the grant of registration of *Pyridalyl 7% + Emamectin benzoate 1% EC* for the control of Stem Borer (*Chilo partellus*) and Fall armyworm (*Spodoptera frugiperda*) on maize crop; *Helicoverpa armigera* and *Spodoptera sp.* on chick pea crop; Green Semilooper , Pod borer, Girdle beetle and Tobacco caterpillar on soya bean crop; and Fruit borer *Helicoverpa armigera* on tomato crop only. Subjet to fixation of MRL.
6.194	**Consideration of an application of M/s Rallis India Ltd., for grant of registration for indigenous manufacture of *Bispyribac sodium 25% + MEtsulfuron methyl 4% + Pyrazosulfuron ethyl 20% WP* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of Bispyribac sodium 25% + Metsulfuron methyl 4% + Pyrazosulfuron ethyl 20% WP for control of weed *Echinochloa colona, Leptochloa chinensis, Cyperus iria, Ludwigia parviflora, Eclipta alba, Cyanotis axillaris, Marsilea quadrifolia* in Transplanted rice crop. A cautionary statement may be incorporated on the label and leaflet 'The product is toxic if inhaled and may cause eye irritation'.

6.195	**Consideration of an application of M/s SML Ltd., for grant of registration for indigenous manufacture of *Sulphur 75% + Chlorantraniliprole 0.85% WDG* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of *Sulphur 75% + Chlorantraniliprole 0.85% WDG* for control of fruit borer & Powdery mildew in chilli and tomato crops; fruit borer (*Helicoverpa armigera*) on chilli and tomato crop only. Subject to the fixation of MRL.
6.196	**Consideration of an application of M/s UPL Ltd., for grant of registration for indigenous manufacture of *Glufosinate ammonium 13.5% SL* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration for registration of *Glufosinate ammonium 13.5% SL* for control of weed Cynodon dactylon, Dactyloctenium aegyptium, Eragrostis minor, Parthenium hysterophorus, Amaranthus viridis, Trianthema portulacastrum, Cyperus rotundus, Cyperus difformis in grapes and for control of weed Cynodon dactylon, Dactyloctenium aegyptium, Digitaria sanguinalis, Echinochloa colonum, Parthenium hysterophorus, Phyllanthus niruri, Euphorbia hirta, Ageratum conyzoides and Cyperus rotundus in Non crop area subject to MRL fixation on Grape crop.
6.197	**Consideration of an application of M/s Parijat Industries (India) Pvt. Ltd., for grant of registration for indigenous manufacture of *Chlorantraniliporle 0.4% + Fipronil 0.6% + Clothianidin 1.0% GR* under section 9(3) FIM.**
	RC deliberated the agenda and approved the grant of registration of *Chlorantraniliprole 0.4% + Fipronil 0.6% + Chlothianidin 1.0% GR* for the control of white grub and termite on groundnut; yellow stem borer, leaf folder and gall midge on paddy; white grub, termite and early shoot borer on sugarcane crop. Subject to the fixation of MRL.
6.198	**Consideration of an application of M/s Willowod Chemicals Ltd., for grant of registration for indigenous manufacture of *Flonicamid 15% + Pyrirpoxyfen 12% + Acetamiprid 2% ME* under section 9(3) FIM.**
	RC deliberated the agenda and approved the grant of registration of *Flonicamid 15% + Pyrirpoxyfen 12% + Acetamiprid 2% ME* under section 9(3) of Insecticide Act, 1968 for the control of aphids, jassid, thrips, and whiteflies on cotton crop only. Subject to the fixation of MRL.
6.199	**Follow up agenda for consideration of an application of M/s Goldripe International Pvt. Ltd., for grant of registration for indigenous manufacture of *Ethephon 20% WP* under section 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of Ethephon 20% WP for use as Post-harvest ripening agent in Mango.
6.200	**Follow up agenda for consideration of an application of M/s Bayer CropScience Ltd., for grant of registration for import of *Indaziflam 45.45% SC* under section 9(3) FI.**
	RC deliberated the agenda and approved for grant of registration of Indaziflam 45.45% SC from source Bayer AG, Industrial Park 65926 Frankfurt am Main/ Germany (There is no expiry in the country of manufacture) for control of weed *Cynodon dactylon, Malvastrum coromendelianum, Trianthema portulacastrum, Panicum repens* in oil palm crop and for control of weed *Cynodon dactylon* in Tea crop subject to MRL fixation in Oil palm Crop. A cautionary statement may be incorporated on the label and leaflet "The product is very toxic to fish and aquatic organisms, thus its uses in and around aquaculture should be avoided."

6.201	**Follow up agenda for consideration of an application of M/s Devi Crop Science Pvt. Ltd., for grant of registration for indigenous manufacture of *Nitrobenzene 15% GR* u/s 9(3) FIM.**
	RC deliberated the agenda and approved for grant of registration of Nitrobenzene 15% GR for use as Plant Growth Regulator to increase grain yield in transplanted Rice crop subject to MRL fixation on Rice crop. A cautionary statement may be incorporated on the label and leaflet 'The product is toxic if inhaled and may cause eye irritation'.
7.0	**9(4) TIM CASES**
7.1	**Consideration of application of M/s Acufine Lifesciences Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pretilachlor technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.2	**Consideration of application of M/s Acufine Lifesciences Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Tebuconazole technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.3	**Consideration of application of M/s Acufine Lifesciences Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Thiamethodxam technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.4	**Consideration of application of M/s Acufine Lifesciences Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pymetrozine technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.5	**Consideration of application of M/s Agastya Agro Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Metalaxyl technical 90% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.6	**Consideration of application of M/s Agastya Agro Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pretilachor technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.7	**Consideration of application of M/s Agastya Agro Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Quizalofop ethyl technical 98%w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.8	**Consideration of application of M/s Agastya Agro Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Propiconaozle technical 88% w/w min.* u/s 9(4)**

	RC deliberated the agenda and approved the same.
7.9	**Consideration of application of M/s Agastya Agro Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pyriproxyfen technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.10	**Consideration of application of M/s Agastya Agro Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Difenoconazole technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.11	**Consideration of application of M/s Agastya Agro Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Glufosinate ammonium technical 50% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.12	**Consideration of application of M/s Agastya Agro Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Bifenthrin technical 92% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.13	**Consideration of application of M/s Agrico Organics Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Dinotefuran technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.14	**Consideration of application of M/s Agrico Organics Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Clothinidin technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.15	**Consideration of application of M/s Agrico Organics Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Tembotrione technical 94% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.16	**Consideration of application of M/s Agrisol (India) Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *MEtalaxyl M technical 94% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.17	**Consideration of application of M/s Agrisol (India) Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Epoxiconazole technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.

7.18	**Consideration of application of M/s Agrisol (India) Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Spiromesifen technical 96.50% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.19	**Consideration of application of M/s Agrisol (India) Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Mesotrione technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.20	**Consideration of application of M/s Agrisol (India) Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Diclosulam technical 94% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.21	**Consideration of application of M/s Agrisol (India) Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Topramezone technical 95.80% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.22	**Consideration of application of M/s Agrisol (India) Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Sulfentrazone technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.23	**Consideration of application of M/s Astec LifeSciences Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pyroxasulfone technical 98.20% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.24	**Consideration of application of M/s Agro Life Science Corporation, for grant of registration for Technical Indigenous Manufacture (TIM) of *Atrazine technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.25	**Consideration of application of M/s Agrow Allied Ventures Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Oxadiagryl technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.26	**Consideration of application of M/s Agrow Allied Ventures Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Tolfenpyrad technical 98.50% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.27	**Consideration of application of M/s Agrow Allied Ventures Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *clothianidin technical 98% w/w min.* u/s 9(4)**

	RC deliberated the agenda and approved the same.
7.28	**Consideration of application of M/s Aimco Pesticides Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pyroxasulfone technical 98.20% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.29	**Consideration of application of M/s Aimco Pesticides Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Tolfenpyrad technical 98.50% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.30	**Consideration of application of M/s Anu Products Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Glufosinate ammonium 50% Technical w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.31	**Consideration of application of M/s Best Crop Science Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Spinosad technical 85% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.32	**Consideration of application of M/s Best Crop Science Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Methoxyfenozide technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.33	**Consideration of application of M/s Best Crop Science Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Triflumezopyrim technical 94% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.34	**Consideration of application of M/s Cocreate global Technologies Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Boscalid technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and rejected the application due to NIL A.I. Content reported in the ATR received from CIL.
7.35	**Consideration of application of M/s Cocreate global Technologies Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Picoxystrobin technical 93% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.36	**Consideration of application of M/s Cocreate global Technologies Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Flonicamid technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.

7.37	**Consideration of application of M/s Coromandel International Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pyriproxyfen technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.38	**Consideration of application of M/s Dharmaj Crop Guard Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Novaluron technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.39	**Consideration of application of M/s Dharmaj Crop Guard Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Trifloxystrobin technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.40	**Consideration of application of M/s Dharmaj Crop Guard Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Paclobutrazole technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.41	**Consideration of application of M/s Dharmaj Crop Guard Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Thifluzamide technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.42	**Consideration of application of M/s Dharmaj Crop Guard Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Cyfluthrin technical 90% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.43	**Consideration of application of M/s Sudarshan Farm Chemicals India Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pinoxaden technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.44	**Consideration of application of M/s Sudarshan Farm Chemicals India Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Cymoxanil technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.45	**Consideration of application of M/s Sudarshan Farm Chemicals India Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Flonicamid technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.46	**Consideration of application of M/s Sudarshan Farm Chemicals India Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pymetrozine technical 98% w/w min.* u/s 9(4)**

	RC deliberated the agenda and approved the same.
7.47	**Consideration of application of M/s Sudarshan Farm Chemicals India Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Dimethomorph technical 95.50% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.48	**Consideration of application of M/s Sudarshan Farm Chemicals India Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Topramezone technical 95.80% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.49	**Consideration of application of M/s Sudarshan Farm Chemicals India Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *clothianidin technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.50	**Consideration of application of M/s Moti Insecticides Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Dimethoate technical 85% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.51	**Consideration of application of M/s Moti Insecticides Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Alphacypermethrin technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.52	**Consideration of application of M/s Moti Insecticides Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Carbendazim technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.53	**Consideration of application of M/s Moti Insecticides Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Fipronil technical 92% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.54	**Consideration of application of M/s Moti Insecticides Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Glyphosate technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.55	**Consideration of application of M/s Moti Insecticides Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pyriproxyfen technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.

7.56	**Consideration of application of M/s Moti Insecticides Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Thiamethoxam technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.57	**Consideration of application of M/s Moti Insecticides Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Bispyribac sodium technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.58	**Consideration of application of M/s Moti Insecticides Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Ethion technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.59	**Consideration of application of M/s United Chemicals, for grant of registration for Technical Indigenous Manufacture (TIM) of *Quizalofop ethyl technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.60	**Consideration of application of M/s United Chemicals, for grant of registration for Technical Indigenous Manufacture (TIM) of *Beta cyfluthrin technical 96.50% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.61	**Consideration of application of M/s United Chemicals, for grant of registration for Technical Indigenous Manufacture (TIM) of *azoxystrobin technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.62	**Consideration of application of M/s United Chemicals, for grant of registration for Technical Indigenous Manufacture (TIM) of *Chlorantraniliprole technical 93% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.63	**Consideration of application of M/s United Chemicals, for grant of registration for Technical Indigenous Manufacture (TIM) of *Fenoxaporp p ethyl technical 88% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.64	**Consideration of application of M/s United Chemicals, for grant of registration for Technical Indigenous Manufacture (TIM) of *Difenoconazole technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.65	**Consideration of application of M/s Willowood Industries Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pyraclostrobin technical 97% w/w min.* u/s 9(4)**

	RC deliberated the agenda and approved the same.
7.66	**Consideration of application of M/s Willowood Industries Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *HAlosulfuron methyl technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.67	**Consideration of application of M/s Willowood Industries Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Clomazone technical 90% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.68	**Consideration of application of M/s Willowood Industries Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *cyazofamid technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.69	**Consideration of application of M/s Willowood Industries Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Thifluzamide technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.70	**Consideration of application of M/s Ichiban Crop Science Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Penconazole technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.71	**Consideration of application of M/s Ichiban Crop Science Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Haxoyfop R methyl ester technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.72	**Consideration of application of M/s Ichiban Crop Science Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Methoxyfenozite technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.73	**Consideration of application of M/s Ichiban Crop Science Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Clethodim technical 92.40% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.74	**Consideration of application of M/s Ichiban Crop Science Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Propargite technical 90% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.

7.75	**Consideration of application of M/s India Pesticides Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Bispyribac sodium technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.76	**Consideration of application of M/s India Pesticides Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Tembotrione technical 94% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.77	**Consideration of application of M/s India Pesticides Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Flonicamid technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.78	**Consideration of application of M/s Indogulf Cropsciences Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Lufenuron technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.79	**Consideration of application of M/s Indogulf Cropsciences Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pyroxasulfone technical 98.20% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.80	**Consideration of application of M/s Willowood Industries Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Topramezone technical 95.80% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.81	**Consideration of application of M/s Indus Finechem LLP, for grant of registration for Technical Indigenous Manufacture (TIM) of *Thifluzamide technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.82	**Consideration of application of M/s Indus Finechem LLP, for grant of registration for Technical Indigenous Manufacture (TIM) of *Lufenuron technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.83	**Consideration of application of M/s Indus Finechem LLP, for grant of registration for Technical Indigenous Manufacture (TIM) of *Pymetrozine technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.84	**Consideration of application of M/s Safe Agrochemicals LLP, for grant of registration for Technical Indigenous Manufacture (TIM) of *Tembotrione technical 94% w/w min.* u/s 9(4)**

	RC deliberated the agenda and approved the same.
7.85	**Consideration of application of M/s Safe Agrochemicals LLP, for grant of registration for Technical Indigenous Manufacture (TIM) of *Trifloxystrobin technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.86	**Consideration of application of M/s Safe Agrochemicals LLP, for grant of registration for Technical Indigenous Manufacture (TIM) of *Pyroxasulfone technical 98.20% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.87	**Consideration of application of M/s Nova Agri Tech Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Thiamethoxam technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.88	**Consideration of application of M/s Nova Agri Tech Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Propiconazole technical 88% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.89	**Consideration of application of M/s Nova Agri Tech Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Forchlorfenuron (CPPU) technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.90	**Consideration of application of M/s SML Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Flubendamide technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.91	**Consideration of application of M/s SML Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Boscalid technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.92	**Consideration of application of M/s SML Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Tembotrione technical 94% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.93	**Consideration of application of M/s SML Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Cyazofamid technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and rejected the application due to less in A.I. content than the claimed minimum percentage reported in the ATR received from CIL.
7.94	**Consideration of application of M/s Meghmani Industries Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Topramezone technical 95.80% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.

7.95	**Consideration of application of M/s Meghmani Industries Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Trifloxystrobin technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.96	**Consideration of application of M/s Meghmani Organics Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Thiacloprid technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.97	**Consideration of application of M/s Parikh Enterprises Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *copper hydroxide technical 87.6% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.98	**Consideration of application of M/s Parikrama Pesticides Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Diflubenzuron technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.99	**Consideration of application of M/s Parikrama Pesticides Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Lambda cyhalothrin technical 84% w/w min.* u/s 9(4)**
	RC deliberated the agenda and rejected the application due to NIL A.I. Content reported in the ATR received from CIL.
7.100	**Consideration of application of M/s Kashma Agro Industries, for grant of registration for Technical Indigenous Manufacture (TIM) of *Metalaxyl technical 90% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.101	**Consideration of application of M/s Kashma Agro Industries, for grant of registration for Technical Indigenous Manufacture (TIM) of *Tricyclazole technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.102	**Consideration of application of M/s Xenon Chem LLP, for grant of registration for Technical Indigenous Manufacture (TIM) of *Bispyribac sodium technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.103	**Consideration of application of M/s Xenon Chem LLP, for grant of registration for Technical Indigenous Manufacture (TIM) of *Difenoconazole technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.104	**Consideration of application of M/s Superform Chemistries Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Diuron technical 98% w/w min.* u/s 9(4)**

	RC deliberated the agenda and approved the same.
7.105	**Consideration of application of M/s Vizine Organics, for grant of registration for Technical Indigenous Manufacture (TIM) of *Quizalofop ethyl technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.106	**Consideration of application of M/s Vizine Organics, for grant of registration for Technical Indigenous Manufacture (TIM) of *Dinotefuran technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.107	**Consideration of application of M/s Greenkem Organics Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Thiophanate methyl technical 94% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.108	**Consideration of application of M/s Krishi Rasayan Exports Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Boscalid technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.109	**Consideration of application of M/s GSP Crop Science Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Clethodim technical 92.40% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.110	**Consideration of application of M/s GSP Crop Science Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Dimethomorph technical 95.50% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.111	**Consideration of application of M/s Shivalik Rasayan Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Paclobutrazole technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.112	**Consideration of application of M/s Shivalik Rasayan Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pyraclostrobin technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.113	**Consideration of application of M/s Peptech Biosciences Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Chlorantraniliprole technical 93% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.

7.114	**Consideration of application of M/s Peptech Biosciences Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of Pyraclostrobin technical 97% w/w min. u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.115	**Consideration of application of M/s Shogun Organics Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pyrithiobac sodium technical 90% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.116	**Consideration of application of M/s NACL Industries Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Picoxystrobin technical 93% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.117	**Consideration of application of M/s Flourish Paper and Chemicals Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *2,4-Dd sodium salt technical 94.5% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.118	**Consideration of application of M/s Punjab Chemicals and Crop Protection Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Sodium acifluorfen technical 39% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.119	**Consideration of application of M/s Sandhya Organic Chemicals Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Chlorantraniliprole technical 93% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.120	**Consideration of application of M/s Yogi Crop Science Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Azoxystrobin technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.121	**Consideration of application of M/s Yogi Crop Science Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Fipronil technical 92% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.122	**Consideration of application of M/s Universal Agro Chemical Industries, for grant of registration for Technical Indigenous Manufacture (TIM) of *Profenofos technical 89% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.123	**Consideration of application of M/s Gujarat Pesticides, for grant of registration for Technical Indigenous Manufacture (TIM) of *Alphacypermethrin technical 95% w/w min.* u/s 9(4)**

	RC deliberated the agenda and approved the same.
7.124	**Consideration of application of M/s Heranba Organics Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Halosulfuron methyl technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.125	**Consideration of application of M/s Agrisol (India) Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Propaquizafop technical 91% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.126	**Consideration of application of M/s Agastya Agro Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Paclobutrazole technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.127	**Consideration of application of M/s Astec Lifescience Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pyroxasulfon technical 98.20% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.128	**Consideration of application of M/s Bharat Rasayan Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Mesotrione technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.129	**Consideration of application of M/s Cocreate Global Technologies Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Trifloxxystrobin technical 96% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.130	**Consideration of application of M/s Cropnosys India Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Chlorantrnailiprole technical 93% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.131	**Consideration of application of M/s Cropnosys India Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pyroxasulfon technical 98.20% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.132	**Consideration of application of M/s Cropnosys India Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Mandipropamid technical 93% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.

7.133	**Consideration of application of M/s Dharmaj Crop Guard Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Tembotrione technical 94% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.134	**Consideration of application of M/s GSP Crop Science Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Sulfentrazone technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.135	**Consideration of application of M/s GSP Crop Science Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Epoxiconazole technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.136	**Consideration of application of M/s Hemani Industries Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Ethion technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.137	**Consideration of application of M/s India Pesticides Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Permethrin technical 92% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.138	**Consideration of application of M/s Meghmani Industries Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Pyroxasulfon technical 98.20% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.139	**Consideration of application of M/s Nova Agri Tech Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Gibberellic acid technical 90% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.140	**Consideration of application of M/s Shyam Chemicals Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Copper hydroxide technical 87.60% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.141	**Consideration of application of M/s Sujag Fine Chemicals Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Chloromequat chloride technical 98.80% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.142	**Consideration of application of M/s United Chemicals, for grant of registration for Technical Indigenous Manufacture (TIM) of *Profenofos technical 89% w/w min.* u/s 9(4)**

	RC deliberated the agenda and approved the same.
7.143	**Consideration of application of M/s United Chemicals, for grant of registration for Technical Indigenous Manufacture (TIM) of *Tebuconazole technical 95% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.144	**Consideration of application of M/s Vizin Organics, for grant of registration for Technical Indigenous Manufacture (TIM) of *Oxyfluorfen technical 97% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.145	**Consideration of application of M/s Vizin Organics, for grant of registration for Technical Indigenous Manufacture (TIM) of *Pymetrozine technical 98% w/w min.* u/s 9(4)**
	RC deliberated the agenda and approved the same.
7.146	**Consideration of application of M/s Naga Agrimate Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Acetamiprid technical 99% w/w min.* u/s 9(4).**
	RC deliberated the agenda and approved the same.
7.147	**Consideration of application of M/s Deepak Nitrite Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Trifloxystrobin technical 96% w/w min.* u/s 9(4).**
	RC deliberated the agenda and approved the same.
7.148	**Consideration of application of M/s Riddhi Lifesciences India Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Beflubutamid technical 97% w/w min.* u/s 9(4).**
	RC deliberated the agenda and approved the same.
7.149	**Consideration of application of M/s Bhramha Chemicals Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Clodinafop propargyl technical 93% w/w min.* u/s 9(4).**
	RC deliberated the agenda and approved the same.
7.150	**Consideration of application of M/s AIMCO Pesticides Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Chlorantraniliprorle technical 93% w/w min.* u/s 9(4).**
	RC deliberated the agenda and approved the same.
7.151	**Consideration of application of M/s Advance Agrolife Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *ametryn technical 95% w/w min.* u/s 9(4).**
	RC deliberated the agenda and approved the same.

7.152	**Consideration of application of M/s Krishi Rasayan Exxports Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Profenofos technical 89% w/w min.* u/s 9(4).**
	RC deliberated the agenda and approved the same.
7.153	**Consideration of application of M/s Bramha Chemicals Pvt. Ltd., for grant of registration for Technical Indigenous Manufacture (TIM) of *Toparamezone technical 95.80% w/w min.* u/s 9(4).**
	RC deliberated the agenda and approved the same.
8.0	**Application for registration under section 9(4) FIM/FI/TI.**
8.1	**Consideration of application for 9(4) FIM u/s 9(4).**
	RC deliberated the agenda and decided as per **Annexure –8.1.1** In case of satisfactory cases, CRs shall be issued only after KYC compliance of the applicant account and submission of the original affidavit, as per the format provided in 439th RC, by the applicant, duly forwarded by the authorized signatory only, within 15 days from the uploading of the minutes. In case the original affidavit is already submitted, then the applicant is required to email the copy of the acknowledgement, within 15 days from the uploading of the minutes to reconcile, afterwards, no such request shall be entertained to issue the CR. It was also directed to strictly follow Gazette Notification SO 3951 (E) dated 08.08.2018 published on 09.08.2018 by the Ministry of Agriculture and Farmers Welfare, while issuing approvals.
8.2	**Consideration of an application of M/s Godrej Agrovet Ltd., for grant of registration of *Azoxystrobin technical 97% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Azoxystrobin Technical 97.00% min for import only u/s 9(4) TI from M/s Shandong Hailir Chemicals Co Ltd., Lingang Industrial zone, Coastal Econ Development Zone Weifang Shandong China with validity up to 18.12.2027., subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. **:**473343-TI/9(4)2025**)**
8.3	**Consideration of an application of M/s congrats Agropack Pvt. Ltd., for grant of registration of *Diuron technical 98.50% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Diuron Technical 98.50% min for import only u/s 9(4) TI from M/s Shandong Weifang Rainbow Chemical Co Ltd**.,** 03001 Lujian Road, Binhai Economic Development Area, Weifang, Shandong China-262737 with validity up to 21-09-2030, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 471345-TI/9(4)2025)
8.4	**Consideration of an application of M/s DCGL Industries Ltd., for grant of registration of *Glyphosate technical 95% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Glyphosate Technical 95% min for import only u/s 9(4) TI from M/s Nantong Jiangshan Agrochemical and Chemicals

	Limited Liability Co No. 998 Jiangshan Road, Nantong Economic & Technological Development Zone, Nantong, Jiangsu, China.with validity up to 05-08-2027, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. **:**470044-TI/9(4)2025**)**
8.5	**Consideration of an application of M/s Godrej Agrovet Ltd., for grant of registration of *Oxyfluorfen technical 97% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Oxyfluorfen Technical 97.00% minimum for import only u/s 9(4) TI from M/s Shangyu Nutrichem Company Limited No.9 Weiju Road, Hangzhou Bay, Shangyu Economic and Technological Development Area, Zhejang, 312369, P.R. China with validity up to 18.11.2028 subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. **:**470178-TI/9(4)2025**)**
8.6	**Consideration of an application of M/s Sumitomo Chemical India Ltd., for grant of registration of *Emamectin benzoate technical 95% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Emamectin Benzoate Technical 95.00% min for import only u/s 9(4) TI from M/s Qilu SYNVA Pharmaceutical Co Ltd., 28 Licheng Ave., Linyi County, Dezhou, Shandong 251500, China) with validity up to 19.03.2028, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No 470249-TI/9(4)2025)
8.7	**Consideration of an application of M/s Aimco Pesticides Ltd., for grant of registration of *Fipronil technical 96% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Fipronil Technical 96.00% minimum for import only u/s 9(4) TI from M/s Jiangsu Tuoqiu Agrochemicals Co Ltd., Kaitai Road, Coastal Industrial Park, Jiangsu Binhai Economic and Development Zone, P. R. China through supplier Ms Beta Chemicals Ltd. Room No. 707, BLK A, Kingsound Centre, No. 116, Zizhuyuan Road, Haidian District, Beijing, P.R. China with validity up to 26.05.2029 subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 469973-TI/9(4)2025**)**
8.8	**Consideration of an application of M/s Dharmaj Crop Guard Ltd., for grant of registration of *Buprofezin technical 98% w/w min.* for import only u/s 9(4) TI.**
	RC Deliberated The Agenda And Approved The Cases Of Buprofezin Technical 98% Min For Import Only U/S 9(4) TI From M/S Jiangsu Seven continent Green Chemical Co Ltd., 28 Chengbei Road, Zhangjiagang, Jiangsu 215600, China with Validity Up to 02-01-2028, Subject To The Submission Of The Original Consent Letter And ICAMA Certificate From The Source. {File No. 469709-TI/9(4)2025**)**
8.9	**Consideration of an application of M/s congrats Agropack Pvt. Ltd., for grant of registration of *Glufosinate ammonium technical 95% w/w min.* for import only u/s 9(4) TI.**
	RC Deliberated The Agenda And Approved The Cases of Glufosinate Ammonium Technical 95% Min For Import Only U/S 9(4) TI From M/S Lier Chemical Co Ltd.,

	Economic And Technical Development Zone, Mianyang, Sichuan Province, China with Validity Up To 27/05/2026, Subject To The Submission Of The Original Consent Letter And ICAMA Certificate From The Source. {File No. 468890-TI/9(4)2025**)**
8.10	**Consideration of an application of M/s Yogi Crop Science Pvt. Ltd., for grant of registration of *Glyphosate technical 95% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Glyphosate Technical 95% minimum for import only u/s 9(4) TI from M/s CAC Nantong Chemical Co Ltd., Fourth Huanghai Road, Yangkou Chemical Park, Rudong County, Nantong City, Jiangsu Province, P. R. Chinathrough supplier M/s Thai Harvest Limited RM.G, BLK4, 13/F, Kwun Tong Industrial Centre, 432- 446, Kwun Tong Road, Kwun Tong KLN, Hong Kong with validity up to 30/11/2028, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 471584-TI/9(4)2025
8.11	**Consideration of an application of M/s Syngenta India Pvt. Ltd., for grant of registration of *Chlorothalonil technical 96% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Chlorothalonil Technical 96% minimum for import only u/s 9(4) TI from M/s Jiangsu Xinhe Agrochemical Co Limited No. 19, Xingang Road, Economic Development Zone, Xinyi City, Jiangsu Province, P. R. China with validity up to 7-11-2026, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 467844-TI/9(4)2025)
8.12	**Consideration of an application of M/s Parijat Industries (India) Pvt. Ltd., for grant of registration of *Chlorpyriphos technical 97% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Chlorpyriphos Technical 97.00% minimum for import only u/s 9(4) TI from M/s Shandong Weifang Rainbow Chemical Co Ltd., Binhai Economic Development Area, Weifang, Shandong, China-262737 with validity up to 28/12/2028, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No 467783-TI/9(4)2025)
8.13	**Consideration of an application of M/s UPL Sustainable Agri Solutions Ltd., for grant of registration of *Abamectin technical 95% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Abamectin Technical 95% minimum for import only u/s 9(4) TI from M/s Qilu Pharmaceutical Inner Mangolia Co Ltd., Office at No.2 Wei Si Road, Jinchuannan District, Economy & Technology Development Zone, Hohhot City, China with validity up to 20.06.2026, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. **:** 471872-TI/9(4)2025
8.14	**Consideration of an application of M/s UPL Ltd., for grant of registration of *Abamectin technical 95% w/w min.* for import only u/s 9(4) TI.**

	RC deliberated the agenda and approved the cases of Abamectin Technical 95% min for import only u/s 9(4) TI from M/ Qilu Pharmaceutical Inner Mongolia Co Ltd., Office at No 2 Wei Si Road, Jinchuannan District, Economy & Technology Development Zone, Hohhot City, China with validity up to 20-06-2026, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 471983-TI/9(4)2025)
8.15	**Consideration of an application of M/s Cocreate global Technologies Pvt. Ltd., for grant of registration of *Fipronil technical 96% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Fipronil Technical 96% minimum for import only u/s 9(4) TI from M/s Jiangsu Tuoqiu Agrochemicals Co Ltd., Kaitai Road, Coastal Industrial Park, Jiangsu Binhai Economic and Development Zone P. R. China through supplier M/s Beta Chemicals Ltd., Room No. 707 BLK A Kingsound Centre No. 116 Zizhuyuan Road Haidian District, Beijing P.R. China. with validity up to 26-05-2029, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 472307-TI/9(4)2025**)**
8.16	**Consideration of an application of M/s Leeds Life Sciences Pvt. Ltd., for grant of registration of *Bispyribac sodium technical 98% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Bispyribac Sodium Technical 98.00% minimum for import only u/s 9(4) TI from M/s Hefei Xingyu Chemical Co Ltd., Cyclic Economy Industrial Zone, Feidong County, Hefei, P.R. China with validity up to 18/03/2027, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 473396-TI/9(4)2025)
8.17	**Consideration of an application of M/s Tensai Agriscience Pvt. Ltd., for grant of registration of *Cartap hydrochloride technical 98% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Cartap Hydrochloride Technical 98% minimum for import only u/s 9(4) TI from M/s Jiangxi Oushi Chemical Co Ltd Salt Industrial Zone, Xingam County Ji'An City, Jiangxi Province, China with validity up to 6-12-2029, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 464060-TI/9(4)2025)
8.18	**Consideration of an application of M/s GSP Inrermediates Pvt. Ltd., for grant of registration of *Glyphosate technical 95% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Glyphosate Technical 95% minimum for import only u/s 9(4) TI from M/ Nantong Jiangshan Agrochemical and Chemicals Limited Liability Co No. 998 Jiangshan Road, Nantong Economic and Technological Development Zone, Nantong, Jiangsu, China with validity up to 5./8/2027, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No 468606-TI/9(4)2025**)**
8.19	**Consideration of an application of M/s super Ford Insecticides Ltd., for grant of registration of *Abamectin technical 95% w/w min.* for import only u/s 9(4) TI.**

	RC deliberated the agenda and approved the cases of Abamectin Technical 95.00% minimum for import only u/s 9(4) TI from M/s Qilu Pharmaceutical Inner Mongolia Co Ltd., Address - No. 2, Wei Si Road, Jinchuannan District, Economy & Technology Development Zone, Hohhot City, China. with validity up to 20-06-2026, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 470305-TI/9(4)2025)
8.20	**Consideration of an application of M/s Nexus Crop Science Pvt. Ltd., for grant of registration of *Azoxystrobin technical 98% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Azoxystrobin Technical 98.0% minimum for import only u/s 9(4) TI from M/s Shanghai Heben Eastsun Medicaments Co Ltd., South of Tinglin Industrial Park, Jinshan, Shanghai, P.R. China through supplier M/s F. J. Agrochemicals Co. Ltd., Rm1113, No.30, Lane 2419, Hunan Road, Pudong District, Shanghai, China. with validity up to 18/5/2030, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No 468694-TI/9(4)2025)
8.21	**Consideration of an application of M/s Nexus Crop Science Pvt. Ltd., for grant of registration of *Butachlor technical 95% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Butachlor Technical 95% for import only u/s 9(4) TI from M/s Nantong Jiangshan Agrochemical and Chemicals Limited Liability Co No 998 Jiangshan Road Nantong Economic and Technological Development Zone Jiangsu China with validity 02/12/2028, subject to the submission of the original consent letter and Certificate from the source. {File No **:** 471355-TI/9(4)2025)
8.22	**Consideration of an application of M/s Leeds Life Sciences Pvt. Ltd., for grant of registration of *acetamiprid technical 99% w/w min.* for import only u/s 9(4) TI.**
	RC RC deliberated the agenda and approved the cases of Acetamiprid Technical 99.00% for import only u/s 9(4) TI from M/s Qingdao KYX Chemical Co Ltd., Guhe Industry Zone, Shuiji, Laixi City, Qingdao, China with validity 29/11/2029, subject to the submission of the original consent letter and Certificate from the source. {File No **:** 471015-TI/9(4)2025)
8.23	**Consideration of an application of M/s Leeds Life Sciences Pvt. Ltd., for grant of registration of *Atrazine technical 95% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases Atrazine Technical 95% minimum for import only u/s 9(4) TI from M/s Zhejiang Zhongshan Chemical Industry Group Co Ltd., Zhongshan, Xiaopu, Changxing, Zhejiang Province - 313 116, China with validity up to 19-06-2028 subject to the submission of the original consent letter and Certificate from the source. {File No. **:**471608-TI/9(4)2025)
8.24	**Consideration of an application of M/s FIL Industries Pvt. Ltd., for grant of registration of *Cartap hydrocholoride technical 98% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Cartap Hydrochloride Technical 98% for import only u/s 9(4) TI from M/s Jiangxi Oushi Chemical Co Ltd.,

	Salt Industrial Zone, Xingan County, Ji'an City, Jiangxi Province, China with validity 06/12/2029, subject to the submission of the original consent letter and Certificate from the source. {File No 468703-TI/9(4)2025)
8.25	**Consideration of an application of M/s Pixelin Sciences Pvt. Ltd., for grant of registration of *Paraquat dichloride technical 42% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Paraquate Dichloride Tech 42% minimum for import only u/s 9(4) TI from M/s Sinon Corporation Taichung Taiwan No. 1F, No. 101, Nanrong Road Dadu district, Taichung city 43245, Taiwan (R.O.C).with validity up to 25-07-2028, subject to the submission of the original consent letter and ICAMA Certificate from the source. subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. **:**473059-TI/9(4)2025)
8.26	**Consideration of an application of M/s Bios Cropcare Pvt. Ltd., for grant of registration of *Paraquat dichloride technical 42% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Paraquate Dichloride Tech 42% minimum for import only u/s 9(4) TI from M/s Sinon Corporation Taichung Taiwan No. 1F, No. 101, Nanrong Road Dadu district, Taichung city 43245, Taiwan (R.O.C).with validity up to 25-07-2028, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 472007-TI/9(4)2025)
8.27	**Consideration of an application of M/s Chemley Agritech Pvt. Ltd., for grant of registration of *Paraquat dichloride technical 42% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Paraquate Dichloride Tech 42% minimum for import only u/s 9(4) TI from M/s Sinon Corporation Taichung Taiwan No. 1F, No. 101, Nanrong Road Dadu district, Taichung city 43245, Taiwan (R.O.C).with validity up to 25-07-2028, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File **:** 466434-TI/9(4)2025**)**
8.28	**Consideration of an application of M/s Advance agrolife for grant of registration of *Paraquat dichloride technical 42% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Paraquate Dichloride Tech 42% minimum for import only u/s 9(4) TI from M/s Sinon Corporation Taichung Taiwan No. 1F, No. 101, Nanrong Road Dadu district, Taichung city 43245, Taiwan (R.O.C). with validity up to 25-07-2028, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No 468595-TI/9(4)2025**)**
8.29	**Consideration of an application of M/s Super Ford Insecticides Ltd., for grant of registration of *Butachlor technical 95% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Butachlor Technical 85% for import only u/s 9(4) TI from M/s Sinon Corporation Taichung Taiwan No. 1F, No. 101, Nanrong Road Dadu district, Taichung city 43245, Taiwan (R.O.C). with validity 10-04-2028,

	subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No 468492-TI/9(4)2025**)**
8.30	**Consideration of an application of M/s DCGL Industries Ltd., for grant of registration of *Fosetyl aluminium technical 96% min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Fosetyl-Aluminium Technical 96% for import only u/s 9(4) TI from M/s Zhejiang Jiahua Chemical Co Ltd., Majian Town, Lanxi City, Zhejiang Province, China .with validity 31-03-2029, subject to the submission of the original consent letter and Certificate from the source. {File No **:** 471176-TI/9(4)2025**)**
8.31	**Consideration of an application of M/s SBRG Agrochemicals Pvt. Ltd., for grant of registration of *Cartap hydrochloride technical 98% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Cartap Hydrochloride Technical 98% for import only u/s 9(4) TI from M/s Jiangxi Oushi Chemicals Co Ltd., Salt Industrial Zone, Xingan Country, Ji'an City, Jiangxi Province, China with validity 06/12/2029, subject to the submission of the original consent letter and Certificate from the source. {File No 468075-TI/9(4)2025**)**
8.32	**Consideration of an application of M/s ADAMA India Pvt. Ltd., for grant of registration of *Pymetrozine technical 98% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases Pymetrozine technical 98% min for import only u/s 9(4) TI from M/s Shenyang Sciencreat Chemicals Company Limited Xihejiubei Street 17, Shenyang Economy and Technology Development Zone, Shenyang, Liaoning, 110144, China with validity up to 23/02/2029 subject to the submission of the original consent letter and icama certificate from the source. {file no. 471855-TI/9(4)2025**)**
8.33	**Consideration of an application of M/s ADAMA India Pvt. Ltd., for grant of registration of *Diafenthiuron technical 97% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Diafenthiuron Technical 97% min for import only u/s 9(4) TI from M/s Jiangsu Changlong Agrochemical Company Limited, No.8 Tuanjiehe Road, Economic Development District of Taixing, Jiangsu, China-225400. with validity up to 13/02/2027, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No 470347-TI/9(4)2025)
8.34	**Consideration of an application of M/s UPL Sustainable Agri Solutions Ltd., for grant of registration of *Thiophanate methyl technical 94% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Thiophanate methyl technical 94% min for import only u/s 9(4) TI from M/s Nippon Soda Co Ltd., 7-2, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-7010 Japan with validity not set, subject to the submission of the original consent letter and icama certificate from the source. {File no **:**473457-TI/9(4)2025)

8.35	**Consideration of an application of M/s Alsc Pvt. Ltd., for grant of registration of *Pyraclostrobin technical 98% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Pyraclostrobin Technical 98.00% Min For Import Only U/S 9(4) TI From M/s Liaoning Flourine New Energy Materials Co. Ltd., Flourine Chemical Industry Baxse) Fuxindi Village, Yimatu Town, Fuxin Mangolia Autonomous County, Fuxin City, Liaoning Province China through supplier M/s FJ Agrochemicals Company limited Room1113, No. 30, Lane 2419, Hunan Road, Pudong District, Shanghai, China with validity up to 30-07-2030, subject to the submission of the original consent letter and ICAMA certificate from the source. {file no. 467010-TI/9(4)2025**)**
8.36	**Consideration of an application of M/s Agro Life Science Corporation, for grant of registration of *Lambda cyhalothrin technical 97% w/w min.* for import only u/s 9(4) TI.**
	RC, deliberated the agenda and approved the cases of Lambda Cyhalothrin Technical 97% min for import only u/s 9(4) TI from M/s Shijiazhuang Richem Company Limited No. 148, Yuhua Road, Change An District, Shijiazhuang, China through supplier M/s Hebei Bestar Commerce and Trade Co., Ltd., 6-3-203 No. 66, Dianda Street, Xinhua District, Shijiazhuang, China with validity up to 05-08-2027 , subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. **:** 472819-TI/9(4)2025}
8.37	**Consideration of an application of M/s GC INTL, for grant of registration of *Cartap hydrochloride technical 98% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Cartap Hydrochloride Technical 98% min for import only u/s 9(4) TI from M/s Jiangxi Oushi Chemical Co Ltd., Salt Industrial Zone, Xingan County, Ji'an City, Jiangxi Province, China. with validity up to 06-12-2029, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 472489-TI/9(4)2025)
8.38	**Consideration of an application of M/s Hemani Industries Ltd., for grant of registration of *Paraquat dichloride technical 42% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Paraquate Dichloride Tech 42% minimum for import only u/s 9(4) TI from M/s Sinon Corporation Taichung Taiwan No. 1F, No. 101, Nanrong Road Dadu district, Taichung city 43245, Taiwan (R.O.C).with validity up to 25-07-2028, subject to the submission of the original consent letter and ICAMA Certificate from the source. subject to the submission of the original consent letter and ICAMA Certificate from the source {File No. 476437-TI/9(4)2025)
8.39	**Consideration of an application of M/s Corteva Crop India Pvt. Ltd., for grant of registration of *Butachlor technical 85% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Butachlor Technical 85% minimum for import only u/s 9(4) TI from M/s Sinon Corporation Taichung Taiwan No. 1F, No. 101, Nanrong Road Dadu district, Taichung city 43245, Taiwan (R.O.C).with validity up

	to 10-04-2028, subject to the submission of the original consent letter and ICAMA Certificate from the source. subject to the submission of the original consent letter and ICAMA Certificate from the source.File No. **:** 468433-TI/9(4)2025)
8.40	**Consideration of an application of M/s KR Lifesciences Pvt. Ltd., for grant of registration of *Abamectin technical 95% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Abamectin Technical 95.00% min for import only u/s 9(4) TI from M/s Qilu Pharmaceutical Inner Mongolia Co Ltd., No.2 Wei Si Road, Jinchuannan District, Economy Technology Development Zone Hohhot City, China. with validity up to 20/06/2026, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 470441-TI/9(4)2025)
8.41	**Consideration of an application of M/s KR Lifesciences Pvt. Ltd., for grant of registration of *Chlorpyriphos technical 97% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Chlorpyriphos Technical 97.00% min for import only u/s 9(4) TI from M/s Shandong Weifang Rainbow Chemical Co Ltd., 03001 Lujian Road, Binhai Economic Development Area, Weifang Shandong, China 262737. with validity up to 28/12/2028, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 472927-TI/9(4)2025)
8.42	**Consideration of an application of M/s Sinochem India company Pvt. Ltd., for grant of registration of *Carbendazim technical 98% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Carbendazim Technical 98.00% min for import only u/s 9(4) TI from M/s Ningxia Ruitai Technology Co Ltd., Fine Chemical Park, Zhongwei Industry Complex, Ningxia, China. with validity up to 10-02-2026, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 474972-TI/9(4)2025)
8.43	**Consideration of an application of M/s Mankind Agritech Pvt. Ltd., for grant of registration of *Paraquat dichloride technical 42% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Paraquate Dichloride Tech 42% minimum for import only u/s 9(4) TI from M/s Sinon Corporation Taichung Taiwan No. 1F, No. 101, Nanrong Road Dadu district, Taichung city 43245, Taiwan (R.O.C).with validity up to 25-07-2028, subject to the submission of the original consent letter and ICAMA Certificate from the source. subject to the submission of the original consent letter and ICAMA Certificate from the source {File No. 473921-TI/9(4)2025)
8.44	**Consideration of an application of M/s Parijat Industries (India) Ltd., for grant of registration of *Fosetyl aluminium technical 96% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Fosetyl aluminium Technical 96.00% min for import only u/s 9(4) TI from M/s Zhejiang Jiahua Chemical Co Ltd., Majian Town, Lanxi City, Zhejiang Province, China. with validity up to 31/03/2029, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 475414-TI/9(4)2025)

8.45	**Consideration of an application of M/s Anam Pesticide Pvt. Ltd., for grant of registration of *Cartap hydrochloride technical 98% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Cartap Hydrochloride Technical 98% min for import only u/s 9(4) TI from M/s Jiangxi Oushi Chemical Co Ltd., Salt industrial Zone, Xingan Country,Ji'an City,Jiangxi Province,China with validity up to 6-12-2029, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 469429-TI/9(4)2025)
8.46	**Consideration of an application of M/s Bharat Certis Agriscience Ltd., for grant of registration of *Ipflufenoquin technical 97% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Ipflufenoquin Technical 97.00% minimum for import only u/s 9(4) TI from M/s Nippon Soda Co. Ltd., Shin-Ohtemachi BLG., 2-1, 2-Chome Ohtemachi, Chiyoda-Ku, Tokyo 100-8165, Japan with validity up to until withdrawn, subject to the submission of the original consent letter and ICAMA Certificate from the source. subject to the submission of the original consent letter and ICAMA Certificate from the source {File No. 468627-TI/9(4)2025)
8.47	**Consideration of an application of M/s Alsc Pvt. Ltd., for grant of registration of *Cartap hydrochloride technical 98% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Cartap Hydrochloride Technical 98% min for import only u/s 9(4) TI from M/s Jiangxi Oushi Chemical Co Ltd., Salt industrial Zone, Xingan Country,Ji'an City,Jiangxi Province,China . with validity up to 6-12-2029, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. 469942-TI/9(4)2025)
8.48	**Consideration of application for 9(4) FIM u/s 9(4).**
	RC deliberated the agenda and decided as per **Annexure –8.48.1** In case of satisfactory cases, CRs shall be issued only after KYC compliance of the applicant account and submission of the original affidavit, as per the format provided in 439th RC, by the applicant, duly forwarded by the authorized signatory only, within 15 days from the uploading of the minutes. In case the original affidavit is already submitted, then the applicant is required to email the copy of the acknowledgement, within 15 days from the uploading of the minutes to reconcile, afterwards, no such request shall be entertained to issue the CR. It was also directed to strictly follow Gazette Notification SO 3951 (E) dated 08.08.2018 published on 09.08.2018 by the Ministry of Agriculture and Farmers Welfare, while issuing approvals.
8.49	**Consideration of an application of M/s Shanmukha Agritech Ltd., for grant of registration of *Azoxystrobin technical 98% w/w min.* for import only u/s 9(4) TI.**
	RC deliberated the agenda and approved the cases of Azoxystrobin Technical 98.00%min for import only u/s 9(4) TI from M/s Jiangsu Pesticide Research Institute Co Ltd., NO 269 Changfenghe Road Chemical Industry Park Nanjing China with validity up to 27-05-

	2028, subject to the submission of the original consent letter and ICAMA Certificate from the source. {File No. **:**478941-TI/9(4)2025)
9.0	**ENDORSEMENT CASES**
	Chemistry endorsement cases
9.1	**Consideration of an application of M/s JU Agri Science Pvt. Ltd., for extension of validity of source of import of *Azoxystrobin technical 95% w/w min.* u/s 9(4) TI.**
	The RC deliberated the agenda and approved the application of M/s JU Agri Science Pvt. Ltd., for extension of validity of the source of import of *Azoxystrobin technical 95% w/w Min.* under Section 9(4) of the Insecticides Act, 1968. The registered source of import is M/s SHANDONG WEIFANG RAINBOW CHEMICAL CO., LTD, (Add: BINHAI ECONOMIC DEVELOPMENT AREA, WEIFANG CITY, SHANDONG PROVINCE China and the validity is extended up to 13.06.2030 as the validity in the source country has already been extended. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.2	**Consideration of an application of M/s Meghnath Chemicals India Pvt. Ltd., for extension of validity of source of import of *Imidacloprid technical 98% w/w min.* u/s 9(4) TI.**
	The RC deliberated the agenda and approved the application of **M/s Meghnath Chemicals India Pvt. Ltd.,** for extension of validity of the source of import of ***Imidacloprid technical 98% w/w Min.*** under Section 9(4) of the Insecticides Act, 1968. The registered source of import is **M/s Rudong Huasheng chemical Co.,Ltd. Yangkou Chemical Industrial Park, Yanhai Economic Development Zone, Rudong County, Jiangsu, China.** and the validity is extended up to **18.10.2030** as the validity in the source country has already been extended. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.3	**Consideration of an application of M/s Albaugh India Pvt. Ltd., for endorsement for inclusion of already approved additional source of import in the registration certificate of *Glyphosate technical 95% w/w min.* u/s 9(4) TI.**
	RC deliberated the agenda and approved the application of M/s Albaugh India Private Limited., for endorsement of inclusion of already approved additional source of import M/s. Sichuan Leshan Fuhua Tongda Agro-Chemical Technology Co. Ltd., China located at Qiaogou Town, Wutongqiao District, Leshan City, Sichuan Province, 614800, China., u/s 9(4) of the I. A. 1968, on the Registration Certificate of Glyphosate Technical-95%w/w min., valid up to 14/08/2027. Subject to submission of Geo-location of source along with the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.4	**Consideration of an application of M/s Tephra Bioscience LLP, for endorsement of name of supplier (addition) of already approved source of import in the registration certificate of *Cartap hydrochloride technical 98%w/w min.* u/s 9(4) TI.**
	RC deliberated on the agenda and approved the application of M/s Tephra Bioscience LLP, for endorsement of an additional supplier, namely M/s Hebei QR Crop Science Co. Ltd., 1015, Peninsula Mansion, No. 416, Shengli North Street, Shijiazhuang, China of approved source M/s JIANGXI OUSHI CHEMICALS CO LTD, Address: Salt Industrial Zone, Xingan Country, Ji'an City, Jiangxi Province, China under Section 9(4) of the

	Insecticides Act, 1968, on the Registration Certificate of *Cartap hydrochloride technical 98%w/w min.* Subject to submission of source along with the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.5	**Consideration of an application of M/s Darrick Insecticides Ltd., for endorsement for inclusion of already approved additional source of import in the registration certificate of *Cartap hydrochloride technical 98% w/w min.* u/s 9(4) TI.**
	RC deliberated on the agenda and approved the application of M/s Darrick Insecticides Ltd., for endorsement of inclusion of an already approved additional source in the Certificate of Registration of *Cartap hydrochloride technical 98% w/w min.* under Section 9(4) of the Insecticides Act, 1968, as detailed below: **Additional source of import endorsed:** M/s. Jiangxi Oushi Chemical Co., Ltd. Salt Industrial Zone, Xingan County, Ji'an City, Jiangxi Province, China for the product *Cartap hydrochloride technical 98% w/w min.* Validity up to: 06.12.2029. Subject to submission of Geo-location of source along with the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.6	**Consideration of an application of M/s Nexus Crop Science Pvt. Ltd., for endorsement for inclusion of already approved additional source of import in the registration certificate of *Pymetrozine technical 98% w/w min.* u/s 9(4) TI.**
	RC deliberated on the agenda and approved the application of M/s Nexus Crop Science Pvt. Ltd., for endorsement of inclusion of an already approved additional source in the Certificate of Registration of *Pymetrozine technical 98% w/w min* under Section 9(4) of the Insecticides Act, 1968, as detailed below: Additional source of import endorsed: M/s SHENYANG SCIENCREAT CHEMICALS CO.,LTD., XIHEJIUBEI STREET 17, SHENYANG ECONOMY AND TECHNOLOGY DEVELOPMENT ZONE, SHENYANG, LIAONING,110144,CHINA for the product *Pymetrozine technical 98% w/w min.* Validity up to: 23.02.2029. Subject to submission of Geo-location of source along with the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.7	**Consideration of an application of M/s Dhanuka Agritech Ltd., for endorsement for change of company address of source of import on the registration certificate of *Ipflufenoquin technical 97% w/w min.* u/s 9(4) TI.**
	RC deliberated the agenda and approved the application of Dhanuka Agritech Ltd., for endorsement for change of company address of source of import in the Certificate of Registration of *Ipflufenoquin technical 97% w/w min.* under Section 9(3) of the Insecticides Act, 1968, as under: -

	From	To
Name of Source	M/s **Nippon Soda Co. Ltd.**	M/s **Nippon Soda Co. Ltd.**
Address	SHIN-OHTEMACHI BLG., 2-1, 2-CHOME OHTEMACHI, CHIYODA-KU, TOKYO 100-8165, JAPAN.	7-2, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-7010 JAPAN (ALSO REFERRED AS 2-7-2, MARUNOUCHI, CHIYODA-KU, TOKYO-100-7010 JAPAN)

	This product has no validity in the source country. Subject to submission of Geo-location of source along with the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.8	**Consideration of an application of M/s Rainbow Agrosciences Pvt. Ltd., for extension of validity of source of import of *Difenconazole technical 95% w/w min.* u/s 9(3) TI.**
	The RC deliberated the agenda and approved the application of M/s Rainbow Agrosciences Pvt. Ltd., for extension of validity of the source of import of *Difenconazole technical 95% w/w min.* under Section 9(3) of the Insecticides Act, 1968. The registered source of import is **M/s Shandong Weifang Rainbow Chemical Co., Ltd., Binhai Economic Development Area, Weifang, Shandong, China** and the validity is extended up to **29.08.2030** as the validity in the source country has already been extended. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.9	**Consideration of an application of M/s Rainbow Agrosciences Pvt. Ltd., for extension of validity of source of import of *Diuron technical 98.50% w/w min.* u/s 9(3) TI.**
	The RC deliberated the agenda and approved the application of M/s Rainbow Agrosciences Pvt. Ltd., for extension of validity of the source of import of *Diuron technical 98.50% w/w min.* under Section 9(3) of the Insecticides Act, 1968. The registered source of import is M/s Shandong Weifang Rainbow Chemical Co., Ltd., Binhai Economic Development Area, Weifang, Shandong, China and the validity is extended up to 21/09/2030, as the validity in the source country has already been extended. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.10	**Consideration of an application of M/s Rainbow Agrosciences Pvt. Ltd., for extension of validity of source of import of *Pyraclostronbin technical 98% w/w min.* u/s 9(3) TI.**
	The RC deliberated the agenda and approved the application of M/s Rainbow Agrosciences Pvt. Ltd., for extension of validity of the source of import of *Pyraclostronbin technical 98% w/w min.* under Section 9(3) of the Insecticides Act, 1968. The registered source of import is M/s Shandong Weifang Rainbow Chemical Co., Ltd., Binhai Economic Development Area, Weifang, Shandong, China and the validity is extended up to 27/08/2030, as the validity in the source country has already been extended. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.11	**Consideration of an application of M/s Rainbow Agrosciences Pvt. Ltd., for extension of validity of source of import of *Fomesafen technical 95% w/w min.* u/s 9(3) TI.**
	The RC deliberated the agenda and approved the application of M/s Rainbow Agrosciences Pvt. Ltd., for extension of validity of the source of import of *Fomesafen technical 95% w/w min.* under Section 9(3) of the Insecticides Act, 1968. The registered source of import is M/s. Shandong Weifang Rainbow Chemical Co., Ltd., Binhai Economic Development Area, Weifang, Shandong, China and the validity is extended up to 02.08.2030 as the validity in the source country has already been extended. Subject to

	submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.12	**Consideration of an application of M/s Willowood Chemicals Ltd., for extension of validity of source of import of *Metsulfuron methyl technical 96% w/w min.* u/s 9(3) TI.**
	The RC deliberated the agenda and approved the application of M/s Willowood Chemicals Ltd., for extension of validity of the source of import of *Metsulfuron methyl technical 96% w/w min.* under Section 9(3) of the Insecticides Act, 1968. The registered source of import is M/s Jiangsu Changlong Agrochemical Co., Ltd., No. 8, Tuanjiehe Road, Economic Development District of Taixing, Jiangsu, China and the validity is extended up to 30.05.2030 as the validity in the source country has already been extended. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
	Fungicide endorsement cases
9.13	**Consideration of an application of M/s Bayer CropScience Ltd., for label expansion of *Tebuconazole 38.39% SC* u/s 9(3).**
	RC deliberated the agenda and approved the case for grant of registration of *label expansion of Tebuconazole 38.39% SC* on Mango crop for control of Anthracnose, Powdery mildew and Leaf spot diseases u/s 9(3) of Insecticide Act,1968.
9.14	**Consideration of an application of M/s Bayer CropScience Ltd., for label extension of *Tebuconazole 50% + Trifloxystrobin 25% WG* u/s 9(3).**
	RC deliberated the agenda and approved the case for grant of registration of *label expansion of Tebuconazole 50% + Trifloxystrobin 25% WG* on Turmeric to control leaf blotch and leaf spot diseases u/s 9(3) of Insecticide Act,1968, subject to fixation of MRL.
9.15	**Consideration of an application of M/s Sumitomo Chemical India Ltd., for label extension of *Copper sulphate 34.5% SC* u/s 9(3).**
	RC deliberated the agenda and approved the case for grant of registration of *label expansion of Tribasic Copper sulphate 34.5% SC* on Rice crop for control of False smut (*Ustilaginoidea virens*) and Bacterial leaf blight (*Xanthomonas oryzae* pv *oryzae*) diseases u/s 9(3) of Insecticide Act,1968.
9.16	**Consideration of an application of M/s Bayer CropScience Ltd., for label extension of *Penflufen 22.43% FS* u/s 9(3).**
	RC deliberated the agenda and approved the case for grant of registration of *label expansion of Penflufen 22.43% FS* on Rice crop for control of sheath blight disease u/s 9(3) of Insecticide Act,1968.
9.17	**Consideration of an application of M/s Bayer CropScience Ltd., for label extension of *Fluopyram 21.37% + Trifloxystrobin 21.37% SC* u/s 9(3).**
	RC deliberated the agenda and approved the case for grant of registration of *label expansion of Fluopyram 21.37% + Trifloxystrobin 21.37% SC* on Grape crop for control of Powdery mildew and Anthracnose u/s 9(3) of Insecticide Act,1968.
9.18	**Consideration of an application of M/s Willowood Chemical Ltd., for label extension of *Difenconazole 10% + Mancozeb 50% WG* u/s 9(3).**
	RC deliberated the agenda and approved the case for grant of registration of *label expansion of Difenconazole 10% + Mancozeb 50% WG* on Apple crop for control of Scab u/s 9(3) of Insecticide Act,1968.

9.19	**Consideration of an application of M/s Indofil Industries Ltd., for label extension of *Tricyclazole 45% + Hexaconazole 10% WG* u/s 9(3).**
	RC deliberated the agenda and approved the case for grant of registration of *label expansion of Tricyclazole 45% + Hexaconazole 10% WG* on Chilli crop for control of leaf spot and powdery mildew disease u/s 9(3) of Insecticide Act,1968.
	Legal endorsement cases
9.20	**Consideration of the request from M/s Beryl Cropchem LLP for endorsement of change of factory address i.e. "Shed-B, Plot No. 110, Phase-1, GIDC Chhatral, Dist:-Gandhinagar-382729, Gujarat" in respect of 03 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.21	**Consideration of the request from M/s SACPL Agro Chemicals for endorsement of change of factory address from F-154, Industrial Area, Sarna Doongar, Jhotwara Extension, Jaipur- 302012, Rajasthan, India To G1-4, RIICO Industrial Area, Sarna Doongar, Jaipur- 302012, Rajasthan, India in respect of 83 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.22	**Consideration of the request from M/s BASF India Limited for the endorsement of change of office from Plot No. 37, Chandivali Farm Road, Chandivali, Andheri (East) Mumbai-400072, Maharashtra To Unit No. 10A, 10B & 10C (Part), 10th Floor, Godrej one, Pirojsha Nagar, Eastern Express Highway, Vikhroli (East) Mumbai-400 079 in respect of 13 nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.23	**Consideration of the request from M/s BASF India Limited for the endorsement of change of office from The Capital, A Wing 1204-C, 12th Floor, Plot No. C-70, "G" Block, Bandra Kurla Complex, Bandra (East), Mumbai- 400 051 To Unit No. 10A, 10B & 10C (Part), 10th Floor, Godrej one, Pirojsha Nagar, Eastern Express Highway, Vikhroli (East) Mumbai-400 079 in respect of Registration Certificates of Topramezone 32 g/l + Dimethenamid-p 538 g/l EC vide Registration No. CIR-19326/2023-Topramezone + Dimethenamid-p (EC) (449)**
	RC deliberated the agenda and approved the same.
9.24	**Consideration of the request from M/s BASF India Limited for the endorsement of change of office from RBC, Mahindra Towers, 1st Floor, A-Wing, Dr. G.M. Bhosale Marg, Worli, Mumbai- 400 018 To Unit No. 10A, 10B & 10C (Part), 10th Floor, Godrej one, Pirojsha Nagar, Eastern Express Highway, Vikhroli (East) Mumbai-400 079 in respect of Registration Certificates of Fipronil Technical 90% w/w Min. vide Registration No. CIR-132880/2016-Fipronil (Technical) (365)-1**
	RC deliberated the agenda and approved the same.
9.25	**Consideration of the request from M/s Suraksha Biosciences Private Limited for endorsement of change of company name from M/s Suraksha Biosciences to M/s Suraksha Biosciences Private Limited in respect of 181 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same subject to the submission of the affidavit on NJSP to this effect duly sweared in accordance with law with a copy of the same duly endorsed to the State Director of Agriculture to be verified by Sr. Law Officer.

9.26	**Consideration of the request from M/s ADAMA India Private Limited for minor correction in the Factory address on the Registration Certificate of Fluopicolide Technical 97% w/w Min. vide Registration No. CIR-23638/2025-Fluopicolide Technical (463) under section 9(3) Export**
	RC deliberated the agenda and approved the same.
9.27	**Consideration of the request from M/s ADAMA India Private Limited for minor correction in the Factory address on the Registration Certificate of Fluopicolide Technical 96% w/w Min. vide Registration No. CIR-21726/2024-Fluopicolide Technical 96% w/w Min. (458) under section 9(3) TIM vs TI**
	RC deliberated the agenda and approved the same.
9.28	**Consideration of the request from M/s Zeneca Agrovet Pvt. Ltd. for endorsement of change of factory address from Khewat No. 207 Min Khatoni No. 263 Theri Baba Sawan Singh, Sirsa To Khewat No. 279, Khatoni No. 314, Theri Baba Sawan Singh, Sirsa in respect of 15 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.29	**Consideration of the request from M/s Superform Chemistries Limited for endorsement of additional factory address i.e. "Plot No. E-51-1/2, E-52, MIDC, Tarapur MIDC Tarapur, Boisar, Salwad, Palghar, Maharashtra, 401506" in respect of Registration Certificate of Metribuzin Technical vide Registration No. CIR(E)-2128/2005 (250)-Metribuzin (T)-14**
	RC deliberated the agenda and approved the same.
9.30	**Consideration of the request from M/s Zeneca Agrovet Pvt. Ltd. for endorsement of change of factory address from Khewat No. 207 Min Khatoni No. 263 Theri Baba Sawan Singh, Sirsa To Khewat No. 279, Khatoni No. 314, Theri Baba Sawan Singh, Sirsa in respect of Registration Certificate of Dinotefuran 4% + Acephate 50% SG vide Registration No. CIR-325889/2023-Dinotefuran + Acephate (SG) (447)-257**
	RC deliberated the agenda and approved the same.
9.31	**Consideration of the request from M/s Zeneca Agrovet Pvt. Ltd. for endorsement of change of factory address from Khewat No. 207 Min Khatoni No. 263 Theri Baba Sawan Singh, Sirsa To Khewat No. 279, Khatoni No. 314, Theri Baba Sawan Singh, Sirsa in respect of Registration Certificate of Chlorantraniliprole 8.8% + Thiamethoxam 17.5% SC vide Registration No. CIR-325878/2023-Chlorantraniliprole + Thiamethoxam (SC) (447)-581**
	RC deliberated the agenda and approved the same.
9.32	**Consideration of the request from M/s Zeneca Agrovet Pvt. Ltd. for endorsement of change of factory address from Khewat No. 207 Min Khatoni No. 263 Theri Baba Sawan Singh, Sirsa To Khewat No. 279, Khatoni No. 314, Theri Baba Sawan Singh, Sirsa in respect of 20 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.33	**Consideration of the request from M/s FMC India Private Limited for the endorsement of change of office from TCG Financial Centre, 2nd Floor, C-53, Bandra Kurla Complex, Bandra (E), Mumbai, Bandra Suburban, Maharashtra-400 098, India To Phoenix Paragon Plaza, Unit No.- 2B39-41 Second Floor, Phoenix**

	Market City, L.B.S. Marg, Kurla (w) Mumbai- 400070 in respect of 162 Nos. of Registration Certificates
	RC deliberated the agenda and approved the same.
9.34	**Consideration of the request from M/s Cheminova India Limited for the endorsement of change of office from TCG Financial Centre, 2nd Floor, C-53, Bandra Kurla Complex, Bandra (E), Mumbai, Bandra Suburban, Maharashtra-400 098, India To Phoenix Paragon Plaza, Unit No.- 2B39-41 Second Floor, Phoenix Market City, L.B.S. Marg, Kurla (w) Mumbai- 400070 in respect of 342 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.35	**Consideration of the request from M/s Kaeros Research Limited for endorsement of change of company name from M/s Kaeros Research Private Limited To M/s Kaeros Research Limited in respect of Registration Certificate of Imidacloprid 97% w/w min. for import vide Registration No. CIR-355507/2025-Imidacloprid (Technical) (466)-17**
	RC deliberated the agenda and approved the same subject to the submission of the affidavit on NJSP to this effect duly sweared in accordance with law with a copy of the same duly endorsed to the State Director of Agriculture to be verified by Sr. Law Officer.
9.36	**Consideration of the request from M/s FMC India Private Limited for permission to use of inventory stock of the printed packaging material with company old registered office address**
	RC deliberated the agenda and approved the same.
9.37	**Consideration of the request from M/s Coromandel International Limited for endorsement of additional factory address i.e. Facility B-2, Plot No. 238/1/A&B, G.I.D.C. Estate, Panoli Ta: Ankleshwar, Dist. Bharuch-394115, Gujarat in respect of Registration Certificate of Penoxsulam 9.0% + Pyrazosulfuron Ethyl 6.0% w/w WDG vide Registration No. CIR-23850/2025-Penoxsulam + Pyrazosulfuron Ethyl (WDG) (464)**
	RC deliberated the agenda and approved the same.
9.38	**Consideration of the request from M/s DMV Cropsciences for endorsement of change of factory address from Khasra No. 641, Patanwa, Basant Nagar, Puddu Nagar (Mughalsarai), Chandauli-232101 (Uttar Pradesh) To Plot No. L-5, Ramnagar Industrial Area, Phase-1, Teh.-Pandit Deen Dayal Upadhyay Nagar (Mugalsarai), Chandauli- 211110 (U.P.) in respect of 47 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.39	**Consideration of the request from M/s Cheminova India Limited for permission to use of inventory stock of the printed packaging material with company old registered office address**
	RC deliberated the agenda and approved the same.
9.40	**Consideration of the request from M/s NACL Industries Limited for endorsement of additional factory address i.e. C-32 & 33, Industrial Growth Centre, Mansa Road, Bathinda- 151001, Dist. Bathinda, Punjab in respect of 03 Nos. of Registration Certificates**

	RC deliberated the agenda and approved the same.
9.41	**Consideration of the request from M/s Moti Insecticides Pvt. Ltd. for endorsement of additional factory address i.e. Plot No. 1/5, Extn.-2, Industrial Area, Kosi Kotwan-281403, Dist. Mathura (U.P.) in respect of 29 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.42	**Consideration of the request from M/s 2022 ES Discovery India Private Limited for the endorsement of change of registered office address from Zenia Building, 7th Floor, Hiranandani Circle, Hiranandani Estate, Thane (W)-400607, Maharashtra To Suite No. 001, 10th Floor, Centaurus, Hiranandani Estate, Off Ghodbunder Road, Thane (W)- 400607, Maharashtra, India in respect of 05 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.43	**Consideration of the request from M/s Zeneca Agrovet Pvt. Ltd. for endorsement of change of factory address from Khewat No. 207 Min Khatoni No. 263 Theri Baba Sawan Singh, Sirsa To Khewat No. 279, Khatoni No. 314, Theri Baba Sawan Singh, Sirsa in respect of 09 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.44	**Consideration of the request from M/s Zeneca Agrovet Pvt. Ltd. for endorsement of change of factory address from Khewat No. 207 Min Khatoni No. 263 Theri Baba Sawan Singh, Sirsa To Khewat No. 279, Khatoni No. 314, Theri Baba Sawan Singh, Sirsa in respect of 30 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.45	**Consideration of the request from M/s Zeneca Agrovet Pvt. Ltd. for endorsement of change of factory address from Khewat No. 207 Min Khatoni No. 263 Theri Baba Sawan Singh, Sirsa To Khewat No. 279, Khatoni No. 314, Theri Baba Sawan Singh, Sirsa in respect of 20 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.46	**Consideration of the request from M/s Crop Care Pesticides (India) Pvt. Ltd. for endorsement of additional factory address i.e. Sundran Road, Village Nimbua, Tehsil-Derabassi, Distt. SAS Nagar, Punjab-140507 in respect of 158 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.47	**Consideration of the request from M/s Agro Life Science Corporation for endorsement of additional factory address i.e. Plot No. 19/1, Phase-IV, GIDC Industrial Estate, Panoli, Ta-Ankleshwar, Dist:- Bharuch-394116, Gujarat in respect of 02 Nos. of Registration Certificates i.e. (i) Chlorpyriphos technical 94.00% w/w min. for vide Registration No. CIR-346725/2025-Chlorpyriphos (Technical) (461)-12 and (ii) Indoxacarb Technical 67% for indigenous manufacture vide Registration No. CIR-350122/2025-Indoxacarb (Technical) (463)-9**
	RC deliberated the agenda and approved the same.
9.48	**Consideration of the request from M/s Balaji Sulphur & Chemical Industries Private Limited for endorsement of change of company name from M/s Ulhas oil &**

	Chemical Industries Private Limited To M/s Balaji Sulphur & Chemical Industries Private Limited in respect of 02 Nos. of Registration Certificates i.e. (i) Sulphur 80% WDG vide Registration No. CIR-335935/2023-Sulphur (WDG) (450)-1648 and (ii) Sun Brand- Sulphur 85% DP vide Registration No. VI-1154(1)Sulphur(DP)-103
	RC deliberated the agenda and approved the same subject to the submission of the affidavit on NJSP to this effect duly sweared in accordance with law with a copy of the same duly endorsed to the State Director of Agriculture to be verified by Sr. Law Officer.
9.49	**Consideration of the request from M/s Zeneca Agrovet Pvt. Ltd. for endorsement of change of factory address from Khewat No. 207 Min Khatoni No. 263 Theri Baba Sawan Singh, Sirsa To Khewat No. 279, Khatoni No. 314, Theri Baba Sawan Singh, Sirsa in respect of Registration Certificate of Dinotefuran 15% + Pymetrozine 45% WG vide Registration No. CIR-325894/2023-Dinotefuran + Pymetrozine (WG) (447)-529**
	RC deliberated the agenda and approved the same.
9.50	**Consideration of the request from M/s JU Agri Sciences Pvt. Ltd. for the endorsement of change of registered office address from 906, Vishwadeep Tower, District Centre, Janak Puri, New Delhi- 110058 To 118-A, GH-2, Paschim Vihar, New Delhi-110063 in respect of 238 nos. of Registration Certificates.**
	RC deliberated the agenda and approved the same.
9.51	**Consideration of the request from M/s Krishi Rasayan Exports Pvt. Ltd. for the endorsement of change of registered office address from 1115, Hemkunt Tower, 98, Nehru Place, New Delhi-110019 To 29, Lala Lajpat Rai Sarani, 4th Floor, Kolkata, West Bengal, India, 720020 in respect of Registration Certificate of Gibberellic acid Technical 90% w/w Min. vide Registration No. CIR-2303/2020 (424)-Gibberellic acid (T)-04**
	RC deliberated the agenda and approved the same.
9.52	**Consideration of the request from M/s Hanvika Organic Innovations Private Limited for endorsement of change of factory address from Plot No. 3/A, SY No. 18, PNR Godowns, Bairamlguda, Karmanghat, Hastinapuram North, Saroor Nagar, Ranga Reddy, Telangana-500079 To Plot No. 466, TIF MSME Green Industrial Park, Dandumalkapur (Vill), Choutuppal (Man) Yadadri Bhuvanagiri (Dist) Telangana-508252 in respect of 101 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.53	**Consideration of the request from M/s Albata Biotech India Pvt. Ltd. for endorsement of additional factory address i.e. Village- Jatwar, Sub Tehsil-Shahzadpur, Tehsil-Naraingarh, Dist. Ambala, Haryana- 134201 in respect of 39 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.54	**Consideration of the request from M/s Suncell Agri Sciences LLP for endorsement of Change of factory address i.e. Plot No. 2, Survey No. 581 P1, Getco Substation Road, Beside Welbone Plast, At: Lajai, Ta: Tankara, Dist:- Morbi- 363650, Gujarat in respect of 116 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.

9.55	**Consideration of the request from M/s Syngenta India Private Limited for amendment in the portion of Name and Address of the Manufacturer in the label and leaflets of the Registration Certificate of Cyclobutrifluram 38.4% w/w SC vide Registration No. CIR-22938/2025-Cyclobutrifluram (SC) (461)**
	RC deliberated the agenda and approved the same.
9.56	**Consideration of the request from M/s India Pesticides Limited for endorsement of additional factory address i.e. G-31 to 35, UPSIDC, Industrial Area, Dewa Road, Chinhat, Lucknow (UP) in respect of 118 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.57	**Consideration of the request from M/s Amish Crop Sciences Pvt. Ltd. for the endorsement of change of registered office address from Flat No. 401, Balaji Nivas, 2-96/1, Beghameer, Kukatpally, Hyderabad, Telangana 500072 To Agrisol House, H.No. 8-518/21, Axis Bank Road, Indra Reddy Colony, Allwyn Cross Roads, Miyapur, Hyderabad, Telangana-500049 in respect of 13 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.58	**Consideration of the request from M/s Zeneca Agrovet Pvt. Ltd. for endorsement of change of factory address from Khewat No. 207 Min Khatoni No. 263 Theri Baba Sawan Singh, Sirsa To Khewat No. 279, Khatoni No. 314, Theri Baba Sawan Singh, Sirsa in respect of Registration Certificate of Ziram 27% SC vide Registration No. CIR-315620/2023-Ziram (SC) (446)-303**
	RC deliberated the agenda and approved the same.
9.59	**Consideration of the request from M/s Godrej Consumer Products Ltd. for endorsement of additional factory address i.e. RS No. 239/3-4 & 240/5-6, Kurumbagaram Village, Nedungadu Commune, Karaikal-609603 in respect of Registration Certificate of Fipronil 0.05% gel (household insecticide) vide Registration No. CIR-119010/2015-Fipronil (gel) (352)-264**
	RC deliberated the agenda and approved the same.
9.60	**Consideration of the request from M/s Aquapharm Chemical Limited for endorsement of change of company name from M/s Aquapharm Chemical Private Limited To M/s Aquapharm Chemical Limited in respect of Registration Certificates of Yellow Phosphorus 99.99% vide Registration No. 631/462/2025 (Import Permit)**
	RC deliberated the agenda and approved the same subject to the submission of the affidavit on NJSP to this effect duly sweared in accordance with law with a copy of the same duly endorsed to the State Director of Agriculture to be verified by Sr. Law Officer.
9.61	**Consideration of the request from M/s Superform Chemistries Limited for endorsement of additional factory address i.e. S. No. 224 + 225, 226 and 227 Village-Gopipura, TA-Halol, Dist. Panchmahal-389350 in respect of 18 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.62	**Consideration of the request from M/s Meghmani Industries Limited for endorsement of additional factory address i.e. 20G2-A, Gallop Industrial Park 2,**

	Charcharvadi Vasna, Sanand, Ahmedabad, Gujarat, 382213, India in respect of 04 Nos. of Registration Certificates
	RC deliberated the agenda and approved the same.
9.63	**Consideration of the request from M/s Tagros Chemicals India Private Limited for endorsement of additional factory address i.e. Plot No. 2901 to 2906 & 2806, GIDC, Panoli, TA-Ankleshwar, Dist. Bharuch-394116, Gujarat, India in respect of Registration Certificate of Methoxyfenozide 97.50% w/w Min. vide Registration No. CIR-24522/2025-Methoxyfenozide (Technical) (466)**
	RC deliberated the agenda and approved the same.
9.64	**Consideration of the request from M/s Cropnosys (India) Private Limited for endorsement of additional factory address i.e. Plot No. 76/A/1, J Type, Phase 1, GIDC, Vapi, Valsad-396191, Gujarat in respect of 87 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.65	**Consideration of the request from M/s Shield Lifesciences & Resins Pvt. Ltd. for endorsement of change of company name from M/s Shield Lifesciences & Resins Pvt. Ltd. To M/s Agrishield Industries Private Limited in respect of 07 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same subject to the submission of the affidavit on NJSP to this effect duly sweared in accordance with law with a copy of the same duly endorsed to the State Director of Agriculture to be verified by Sr. Law Officer.
9.66	**Consideration of the request from M/s Rushabh Crop Science for endorsement of additional factory address i.e. Plot No. X-99, Hari Om Co-operative Estate Limited, At:- Gozariya, Ta & Dist. Mehsana-382825, Gujarat in respect of 91 Nos. of Registration Certificates**
	RC deliberated the agenda and approved the same.
9.67	**Consideration of the request from M/s United Phosphorus (India) Private Limited for endorsement of transfer of 184 CRs from M/s United Phosphorus (India) LLP to M/s United Phosphorus (India) Private Limited**
	RC deliberated the agenda and approved the same subject to the submission of the joint affidavit on NJSP to this effect duly sweared in accordance with law with a copy of the same duly endorsed to the State Director of Agriculture to be verified by Sr. Law Officer.
9.68	**Consideration of the request from M/s United Phosphorus (India) Private Limited for endorsement of transfer of 06 CRs from M/s United Phosphorus (India) LLP to M/s United Phosphorus (India) Private Limited**
	RC deliberated the agenda and approved the same subject to the submission of the joint affidavit on NJSP to this effect duly sweared in accordance with law with a copy of the same duly endorsed to the State Director of Agriculture to be verified by Sr. Law Officer.
9.69	**Consideration of the request from M/s Nature Biotic for endorsement of additional factory address in respect of 19 nos. of CR.**
	RC deliberated the agenda and approved the same.
9.70	**Consideration of the request from M/s Saffire Crop Science Pvt. Ltd., for endorsement of transfer of 206 CRs from M/s Nexus Crop Science Pvt. Ltd., to M/s Saffire Crop Science Pvt. Ltd.**

	RC deliberated the agenda and approved the same.
9.71	**Consideration of the request from M/s Crystal Crop Protection Ltd., for endorsement of transfer of registration certificate of Ethoxysulfuron 15% WDG from M/s Bayer Crop Science Ltd., to M/s Crystal Crop Protection Ltd.**
	RC deliberated the agenda and approved the same subject to the submission of the joint affidavit on NJSP to this effect duly sweared in accordance with law with a copy of the same duly endorsed to the State Director of Agriculture to be verified by Sr. Law Officer.
9.72	**Consideration of the request from M/s Indofil Industries Ltd., for endorsement of duplicate 02 nos. of endorsement letter.**
	RC deliberated the agenda and approved the same subject to the submission of the affidavit on NJSP to this effect duly sweared in accordance with law with a copy of the same duly endorsed to the State Director of Agriculture to be verified by Sr. Law Officer.
9.73	**Consideration of the request from M/s Kundan Pestichem Pvt. Ltd., for duplicate 02 nos. of CRs**
	RC deliberated the agenda and approved the same subject to the submission of the affidavit on NJSP to this effect duly sweared in accordance with law with a copy of the same duly endorsed to the State Director of Agriculture to be verified by Sr. Law Officer.
	<u>Insecticide Endorsement cases</u>
9.74	**Consideration of application of M/s Bayer CropScience Ltd., for label expansion of Imidacloprid 17.1% SL u/s 9(3).**
	RC deliberated the agenda and granted the registration of label expansion of Imidacloprid 17.1% SL u/s 9(3) Insecticide Act, 1968 for the control of flea beetle on grapes crop only. A cautionary statement may be incorporated on the label and leaflet "The product is highly toxic to honey bees, thus the product containing molecule should be avoided during active foraging period of bees". Subject to the fixation of MRL.
9.75	**Consideration of application of M/s Rallis India Ltd., for label expansion of Imidacloprid 17.8% SL u/s 9(3).**
	RC deliberated the agenda and granted the registration of label expansion of Imidacloprid 17.8% SL u/s 9(3) Insecticide Act, 1968 for the control of tea mosquito bug (*Helopeltis theivora*) on tea crop. A cautionary statement may be incorporated on the label and leaflet "The product is highly toxic to honey bees, thus the product containing molecule should be avoided during active foraging period of bees". Subject to the fixation of MRL.
9.76	**Consideration of application of M/s Rallis India Ltd., for label expansion of Acetamiprid technical 20% SP u/s 9(3).**
	RC deliberated the agenda and granted the registration of label expansion of Acetamiprid 20% SP u/s 9(3) Insecticide Act, 1968 for the control of tea mosquito bug (*Helopeltis theivora*) on tea crop. A cautionary statement may be incorporated on the label and leaflet "The product is highly toxic to honey bees, thus the product containing molecule should be avoided during active foraging period of bees". Subject to the fixation of MRL.
9.77	**Consideration of application of M/s Corteva Agriscience India Ltd., for label claim of Triflumezopyram 4.79% + Spinetoram 8.62% WG u/s 9(3).**
	RC deliberated the agenda and approved for the grant of endorsement for use of drone application of already registered label claim of Triflumezopyram 4.79% + Spinetoram 8.62% WG on rice crop only u/s. 9(3) Insecticide Act, 1968.
9.78	**Consideration of application of M/s Corteva Agriscience India Ltd., for label claim of Triflumezopyram 10% + Spinetoram 12% WG u/s 9(3).**

	RC deliberated the agenda and approved for the grant of endorsement for use of drone application of already registered label claim of Triflumezopyram 10% + Spinetoram 12% WG on rice crop only u/s. 9(3) Insecticide Act, 1968.
9.79	**Consideration of application of M/s Corteva Agriscience India Ltd., for label expansion of Fluazaindolizine 41.15% SC u/s 9(3).**
	RC deliberated the agenda and granted the registration of label expansion of Fluazaindolizine 41.15% SC u/s 9(3) Insecticide Act, 1968 for the control of root knot nematode (*Meloidogyne incognita*) on bitter gourd, bottle gourd, ridge gourd, okra and water melon crops. Subject to the fixation of MRL.
9.80	**Consideration of application of M/s Bayer CropScience Ltd., for label expansion of Fluopyram 34.48% SC u/s 9(3).**
	RC deliberated the agenda and granted the registration of label expansion of Fluopyram 34.48% SC u/s 9(3) Insecticide Act, 1968 for the control of root knot nematode (*Meloidogyne incognita*) on chilli crop only. Subject to the fixation of MRL.
9.81	**Consideration of application of M/s Sumitomo Chemical India Ltd., for label expansion of Pyridalyl 10% EC u/s 9(3).**
	RC deliberated the agenda and granted the registration of label expansion of Pyridalyl 10% EC u/s 9(3) Insecticide Act, 1968 for the control of Semi loopers *(Hyposidra* sp*)* and Tea looper caterpillar *(Biston suppressaria)* on tea crop only. Subject to the fixation of MRL.
9.82	**Consideration of application of M/s Bayer CropScience Ltd., for label expansion of Fluopyram 34.48% SC u/s 9(3).**
	RC deliberated the agenda and granted the registration of label expansion of Fluopyram 34.48% SC u/s 9(3) Insecticide Act, 1968 for the control of root knot nematode (*Meloidogyne incognita*) on brinjal crop only. Subject to the fixation of MRL.
9.83	**List of 9(4) endorsement cases**
	RC deliberated the agenda and approved as per **Annexure-9.83.1**
9.84	**List of application for crop deletion.**
	RC deliberated the agenda and approved as per **Annexure-9.84.1**
	<u>Herbicide endorsement cases</u>
9.85	**Consideration of application of M/s Sumitomo Chemical India Ltd., for label expansion of Flumioxazin 50% SC u/s 9(3).**
	RC deliberated the agenda and approved for grant of registration for label expansion of Flumioxazin 50% SC for control of weeds – *Echinochloa colona, Digitaria sanguinalis, Cynodon dactylon, Cyperus rotundus, Amaranthus viridis, Amaranthus spinosus, Chenopodium album, Trianthema portulacstrum, Convolvulus arvensis, Spergula arvensis, Oxalis corniculate* and *Phyllanthus niruri* in chickpea crop subject to MRL fixation on chickpea crop.
9.86	**Consideration of application of M/s Sumitomo Chemical India Ltd., for label expansion of Paclobutrazole 40% SC u/s 9(3).**
	RC deliberated the agenda and approved for grant of registration for label expansion of Paclobutrazol 40% SC for use as PGR for better plant growth and yield in groundnut and for increasing the seed yield in chickpea crop.

9.87	**List of 9(4) endorsement cases.**
	RC deliberated the agenda and approved as per **Annexure- 9.87.1.**
	Chemistry endorsement cases
9.88	**Consideration of an application of M/s Dhanuka Agritech Ltd., for endorsement of name of supplier (addition) of already approved source of import in the registration certificate of *Cyflufenamid 5% EW* u/s 9(3) FI.**
	RC deliberated the agenda and approved the application of M/s Dhanuka Agritech Ltd., for endorsement of the name of the supplier (addition) as M/s Nisso Chemical Europe Gmbh., having address at, Berliner Allee 42, 40212 Dusseldorf, Germany, which is the source of import itself, on the registration certificate of *Cyflufenamid 5% EW* u/s 9(3). Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.
9.89	**Consideration of an application of M/s Krishi Rasayan Exports Pvt. Ltd., for endorsement of name of supplier in the registration certificate of *Carbendazim technical 98% w/w min.* u/s 9(3) TI.**
	RC deliberated the agenda and approved the application of M/s Krishi Rasayan Exports Pvt. Ltd.,, for endorsement of the name of the supplier as M/s. Shanghai Agrotree Chemical Co., Ltd., (Add: Room B515, No. 2250, South Pudong Road, Pudong New Area, Shanghai, China with approved source of Import M/s. Ningxia Lanfeng Fine Chemical Co., Ltd., Add: Meili Industrial Park, Shapotou District, Zhongwei City, Ningxia Hui Autonomous Region, China, under Section 9(3) of the Insecticides Act, 1968, on the Registration Certificate of Carbendazim Technical 98% w/w Min. Subject to the change of name and address of source of import & approval for extension of validity of registration certificate from RC, its other application and submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.
9.90	**Follow up action of an application of M/s Krishi Rasayan Exxports PVt. Ltd., for endorsement for change of name and address of source of import on the registsration certificate of Carbendazim technical 98% w/w min. u/s 9(3) TI.**
	RC deliberated the agenda and approved the application of M/s Krishi Rasayan Exports Pvt. Ltd., for Endorsement of change in name and address of source of import as M/s. Ningxia Langeng Fine Chemical Co., Ltd., Add: Meili Industrial Park, Shapotou District, Zhongwei City, Ningxia Hui Autonomous Region, China., from M/s. Jiangsu Lanfeng Biochemical Co. Ltd., Add: Suhua Road, Xinyi Economic & Development Zone, Xinyi, Jiangsu, China, on the certificate of registration of Carbendazim Technical 98% w/w Min. u/s 9(3)TI of Insecticide Act, 1968. The case was deferred in 455 RC Meeting vide Agenda item 9.104, for want of clarification and 5-batch analysis report from CIL now 5-batch analysis report from CIL was received. Subject to the submission of geo tag original affidavit/consent letter/ICAMA/registration certificate as applicable if not submitted.
9.91	**Consideration of an application of M/s GSP Intermediates Pvt. Ltd., for endorsement of addition of name of supplier from approved source of import in the registration certificate of *Azoxystrobin technical 97% w/w min.* u/s 9(4) TI.**
	RC deliberated the agenda and approved the application of M/s GSP Intermediates Private Limited, for endorsement of the name of the supplier (addition) as M/s. Shanghai Agrotree

	chemical Co., Ltd., located at Room B515, No. 2250, South Pudong Road, Pudong New Area, Shanghai, China on approved source M/s Shandong Hailir Chemical Co Ltd, Lingang Industrial Zone. Coastal Econ, Development Zone, Weifang, Shandong, China under Section 9(4) of the Insecticides Act, 1968, on the Registration Certificate of *Azoxystrobin technical 97% w/w Min*. Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.
9.92	**Consideration of an application of M/s Dhanuka Agritech Ltd., for extension of validity of source of import of *Cartap hydrochloride technical 98% w/w min.* u/s 9(4) TI.**
	The RC deliberated the agenda and approved the application of M/s Dhanuka Agritech Ltd., for extension of validity of the source of import of Cartap hydrochloride technical 98% *w/w Min.* under Section 9(4) of the Insecticides Act, 1968. The registered source of import is M/s Hunan Haohua Chemical Co., Ltd. NO.1 YU WANG ROAD, HIGH-TECH INDUSTRIAL DEVELOPMENT ZONE, YOUXIAN, ZHUZHOU CITY, HUNAN PROVINCE, CHINA and the validity is extended up to **14.11.2030** as the validity in the source country has already been extended. The case is approved subject to issuance of endorsement letter of M/s Krishi Rasayan Export Private limited which approved in 465 RC meeting vide agenda item No. 9.67 & approval of application of change of address already source of import for the same product. The applicant has already submitted another application for change of address of already approved source of import vide application number: EN-56876 & Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.93	**Consideration of request for permission to sell existing stock, packaging material with old company name M/s GSP Crop Science Pvt. Ltd., after change of company name from M/s GSP Crop Science Pvt. Ltd., to M/s GSP Crop Science Ltd.**
	RC deliberated the agenda and observed that the issue pertains to the legal division and decided to approve the same subject to satisfactory examination by the Sr. Law Officer.
9.94	**Consideration of an application of M/s Sumitomo Chemical India Ltd., for extension of validity of source of import of *Cartap hydrochloride technical 98% w/w min.* u/s 9(4) TI.**
	The RC deliberated the agenda and approved the application of M/s Sumitomo Chemical India Ltd., for extension of validity of the source of import of Cartap hydrochloride technical 98% *w/w Min.* under Section 9(4) of the Insecticides Act, 1968. The registered source of import is M/s Hunan Haohua Chemical Co., Ltd. NO.1 YU WANG ROAD, HIGH-TECH INDUSTRIAL DEVELOPMENT ZONE, YOUXIAN, ZHUZHOU CITY, HUNAN PROVINCE, CHINA and the validity is extended up to 14.11.2030 as the validity in the source country has already been extended. The case is approved subject to issuance of endorsement letter of M.s Krishi Rasayan Export Private limited which approved in 465 RC meeting vide agenda item No. 9.67 & approval of application of change of address already source of import for the same product. The applicant has already submitted another application for change of address of already approved source of import vide application number: EN-56445. & Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.

9.95	**Consideration of an application of M/s Tephra Biosciencee LLP, for endorsement of name of supplier (addition) of already approved source of import in the registration certificate of *Glufosinate ammonium technical 95%* u/s 9(3) TI.**
	RC deliberated the agenda and approved the application of M/s Tephra Bioscience LLP, for endorsement of the name of the supplier (addition) as M/s Hebei QR Crop Science Co. Ltd., 1015, Peninsula Mansion, No. 416, Shengli North Street, Shijiazhuang, China of already approved source of import M/s Xiangshui Zhongshan Bioscience Co., Ltd., Address: Dahe Road, Xiangshui Eco Chemical Industry Park, Xiangshui County, Yancheng, Jiangsu Province, China., under Section 9(4) of the Insecticides Act, 1968, on the Registration Certificate of Glufosinate Ammonium Technical 95% w/w Min. Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.
9.96	**Consideration of request for permission to sell existing stock, packaging material with old company name M/s Rotam Crop Protection Pvt. Ltd., after change of company name from M/s Rotam Crop Protection Pvt. Ltd., to M/s Albaugh India Pvt. Ltd.**
	RC deliberated the agenda and observed that the issue pertains to the legal division and decided to approve the same subject to satisfactory examination by the Sr. Law Officer.
9.97	**Consideration of an application of M/s Dharmaj Crop Guard Ltd., for endorsement for inclusion of already approved additional source of import on the registration certificate of Paraquat dichloride technical 42% w/w min. u/s 9(4) TI.**
	RC deliberated the agenda and approved the application of M/s Dharmaj Crop Guard Limited for endorsement of inclusion of already approved additional source of import as M/s Comlets Chemical Industrial Co. Ltd., Address: 196, Sec. 1, Shinping Road, Taiping 41159, Taichung City, Taiwan, u/s 9(4) of the I. A. 1968, on the Registration Certificate of Paraquat dichloride Technical 42% min. The product is valid up to 25.01.2026. Subject to submission of Geo-location of source along with the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.98	**Consideration of an application of M/s Willowood Chemicals Ltd., for extension of validity of source of import of *Cartap hydrochloride technical 98% w/w min.* u/s 9(4) TI.**
	The RC deliberated the agenda and approved the application of **M/s** Willowood Chemicals Ltd., for extension of validity of the source of import of Cartap hydrochloride technical 98% *w/w Min.* under Section 9(4) of the Insecticides Act, 1968. The registered source of import is M/s Hunan Haohua Chemical Co., Ltd. NO.1 YU WANG ROAD, HIGH-TECH INDUSTRIAL DEVELOPMENT ZONE, YOUXIAN, ZHUZHOU CITY, HUNAN PROVINCE, CHINA and the validity is extended up to 14.11.2030 as the validity in the source country has already been extended. The case is approved subject to issuance of endorsement letter of M.s Krishi Rasayan Export Private limited which approved in 465 RC meeting vide agenda item No. 9.67 & approval of application of change of address already source of import for the same product. The applicant has already submitted another application for change of address of already approved source of import vide application number: EN-55860 & Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
	<u>Packaging endorsement</u>

9.99	**Endorsement of additional packaging of *Metribuzin technical 88% w/w min.* issued to M/s Superform Chemistries Ltd., u/s 9(4).**
	RC deliberated the agenda and approved the same.
9.100	**Application for endorsement of additional packaging for flonicamid 11.7% + Ddiafenthiuron 36% WG of M/s Crystal Crop Protection Ltd.**
	RC deliberated the agenda and approved the same.
9.101	**Endorsement of additional packaging of *Pymetrozine 50% WG* issued to M/s Agrico Organics Ltd., u/s 9(4).**
	RC deliberated the agenda and approved the same.
9.102	**Endorsement of additional bulk packaging of *Azoxystrobin technical 98% w/w min.* issued to M/s Syngenta India Pvt. Ltd., u/s 9(4).**
	RC deliberated the agenda and approved the same.
9.103	**Endorsement of additional packing of *Paraquat dichloride technical 42% w/w min.* issued to M/s Agrico Organics Ltd., u/s 9(4).**
	RC deliberated the agenda and approved the same.
9.104	**Endorsement of additional packaging of *Lufenuron 4% + Emamectin benzoate 1.5% EC* issued to M/s Crystal Crop Protection Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.105	**Endorsement of additional packaging of *Cyclobutrifluram 38.4% SC* issued to M/s Syngenta India Pvt. Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.106	**Endorsement of additional bulk packaging of *Bixlozone 50% + Metribuzine 10% WG* issued to M/s FMC India Pvt. Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.107	**Endorsement of additional packaging of *Oxathiapiprolin 2.77% + Mandipropamid 23.08% SC* issued to M/s Syngenta India Pvt. Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.108	**Endorsement of additional packaging of *Triflumezopyrim 10% + Spinetoram 12% WG* issued to M/s Corteva Agriscience India Pvt. Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.109	**Endorsement of additional packaging of *Triflumezopyrim 4.79% + Spinetoram 8.62% WG* issued to M/s Corteva Agriscience India Pvt. Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.110	**Endorsement of additional packing of *Ethaboxam 40% SC* issued to M/s Sumitomo Chemical India Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.111	**Application for Endorsement of additional/alternate packing of 50 kg for *flubendiamide technical* issued to M/s Bayer CropScience Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.

9.112	**Endorsement of additional packaging of *azoxystrobin technical 97% ww/w min.* to M/s Mahamaya Lifesciences Ltd., u/s 9(4).**
	RC deliberated the agenda and approved the same.
9.113	**Application for endorsement of additional pack size for *Pyribenzoxim 5% EC* to M/s Biostadt India Ltd. u/s 9(4).**
	RC deliberated the agenda and approved the same.
9.114	**Endorsement of additional packaging of *Chlorantraniliprole 5.2% + Novaluron 8.5% SC* issued to M/s UPL Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.115	**Endorsement of additional packaging of 40 ml & 100 ml COEX bottle in registration certificate for the product *Clethodim 13% w/w EC (Clethodim 12% w/v EC)* of M/s UPL Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.116	**Endorsement of additional packaging of *Isocycloseram 9.2% w/w DC (Isocycloseram 10% w/v DC)* issued to M/s Syngenta India Pvt. u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.117	**Endorsement of additional packing of *Pretilachlor 37% EW* issued to M/s Dhanuka Agritech Ltd., u/s 9(4).**
	RC deliberated the agenda and approved the same.
9.118	**Endorsement of additional packaging of *Transfluthrin 0.15% mosquito coil* issued to M/s Apex Health Care Product u/s 9(4).**
	RC was apprised that the application is for packaging endorsement but it also contains change of shape of Mosquito Coil to Mosquito Stick and there may be concerns of bio-efficacy/Toxicity due to change in the burn time. RC decided to call the applicant to make a presentation in the next RC meeting.
9.119	**List of 9(4) endorsement cases.**
	RC deliberated the agenda and approved as per **Annexure-9.119.1**
	<u>Herbicide endorsement cases</u>
9.120	**List of 9(4) endorsement cases.**
	This agenda merged with agenda item no. 9.87
9.121	**List of 9(4)/9(3) endorsement cases for crop deletion.**
	RC deliberated the agenda and approved as per **Annexure- 9.121.1.**
	<u>Fungicide endorsement cases</u>
9.122	**Consideration of an application of M/s Bayer CropScience Ltd., for gran of registration for label expansion of *Tebuconazole 50% + Trifloxystrobin 25% WG* u/s 9(3).**
	RC deliberated the agenda and approved the case for grant of registration of *label expansion of Tebuconazole 50% + Trifloxystrobin 25% WG* on Pomegranate crop for to

	control fruit and leaf spot disease u/s 9(3) of Insecticide Act,1968 subjected to MRL fixation.
9.123	**Consideration of an application of M/s Bayer CropScience Ltd., for gran of registration for label expansion of *Fluopyram 21.37% + Trifloxystrobin 21.37% SC* u/s 9(3).**
	RC deliberated the agenda and approved the case for grant of registration of *label expansion of Fluopyram 21.37% + Trifloxystrobin 21.37% SC* on Pomegranate crop for control of Leaf and fruit spot, Anthracnose and Post- harvest disease & on Mango crop Anthracnose (*Colletotrichum gloeosporioides*), Powdery mildew (*Oidium mangiferae*) and Post-harvest disease fruit rot (*Alternaria alternata*) u/s 9(3) of Insecticide Act,1968.
9.124	**Consideration of an application of M/s Bayer CropScience Ltd., for gran of registration for label extension of *Fosetyl-AL 80% WP* u/s 9(3).**
	RC deliberated the agenda and approved the case for grant of registration of *label expansion of Fosetyl-AL 80% WP* on Pomegranate crop to control of Fruit Rot disease u/s 9(3) of Insecticide Act,1968 subjected to MRL fixation.
9.125	**List of 9(4) endorsement cases.**
	RC deliberated the agenda and approved cases as per **Annexure- 9.125.1**
	<u>Legal endorsement cases</u>
9.126	**Consideration of the request form M/s GSP Crop Science Ltd., for the endorsement of change of registered office address in respect of 509 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.127	**Consideration of the request form M/s Dr. Chemistar Crop Care Pvt. Ltd., for the endorsement of change of company name in respect of 114 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same subject to the submission of the affidavit on NJSP to this effect duly sweared in accordance with law with a copy of the same duly endorsed to the State Director of Agriculture to be verified by Sr. Law Officer.
9.128	**Consideration of the request form M/s Jyothy Labs Ltd., for the endorsement of additional factory address in respect of 02 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.129	**Consideration of the request form M/s Mitashi Chemicals India Ltd., for the endorsement of change of factory address in respect of 71 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.130	**Consideration of the request form M/s Kundan Pestichem Pvt. Ltd., for the endorsement of change of factory address in respect of 15 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.131	**Consideration of the request form M/s Arguse Polymers, for the endorsement of additional factory address in respect of 08 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.

9.132	**Consideration of the request form M/s 2022 ES Discovery India Pvt. Ltd., for the endorsement of change of registered office address in respect of 32 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.133	**Consideration of the request form M/s Sumitomo Chemical India Ltd., for the endorsement of additional factory address in respect of 12 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.134	**Consideration of the request form M/s Sanjeevani Biotech and Research Pvt. Ltd., for the endorsement of change of factory address in respect of 102 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.135	**Consideration of the request form M/s Coromandel Fertilizers & Chemcials Pvt. Ltd., for the endorsement of change of company name in respect of 386 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same subject to the submission of the affidavit on NJSP to this effect duly sweared in accordance with law with a copy of the same duly endorsed to the State Director of Agriculture to be verified by Sr. Law Officer.
9.136	**Consideration of the request form M/s Gharda Chemicals Ltd., for the endorsement of additional factory address in respect of 08 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.137	**Consideration of the request form M/s Amber Crop Science Pvt. Ltd., for the endorsement of additional factory address in respect of Pyroxasulforn 85% WG.**
	RC deliberated the agenda and approved the same.
9.138	**Consideration of the request form M/s Khroudi Agrichem Pvt. Ltd., for the endorsement of change of company name in respect of 106 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same subject to the submission of the affidavit on NJSP to this effect duly sweared in accordance with law with a copy of the same duly endorsed to the State Director of Agriculture to be verified by Sr. Law Officer.
9.139	**Consideration of the request form M/s Ascent Crop Science, for minore correction in factory address in the endorsement letter no. EN-51468 in respect of 220 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.140	**Consideration of the request form M/s Krishi Rasayan Exports Pvt. Ltd., for the endorsement of additional factory address in respect of Bifenthrin 2.5% EC of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.141	**Consideration of the request form M/s Naga Agrimate Pvt. Ltd., for the endorsement of change of registered office address in respect of 161 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.

9.142	**Consideration of the request form M/s Chemley Agritech Pvt. Ltd., for the correction in the Annexure for the registration no. of the CR of Metribuzin 70% WP on the endorsement letter EN-51220.**
	RC deliberated the agenda and approved the same.
9.143	**Consideration of the request form M/s India Pesticides Ltd., for the endorsement of additional factory address in respect of 311 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.144	**Consideration of the request form M/s US Crop Sciences Pvt. Ltd., for the endorsement of change of factory address in respect of 49 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.145	**Consideration of the request form M/s Godrej Agrovet Ltd., for the correction in the registered office address in respect of 153 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.146	**Consideration of the request form M/s Nasham Crop Care LLP, for the endorsement of change of company name in respect of 12 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same subject to the submission of the affidavit on NJSP to this effect duly sweared in accordance with law with a copy of the same duly endorsed to the State Director of Agriculture along with legal status of their previous entity along with the no objection from rest of the partners of the new company to be verified by Sr. Law Officer.
9.147	**Consideration of the request form M/s Advance Agrolife Ltd., for the endorsement of new factory address in respect of 411 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.148	**Consideration of the request form M/s Coromandel International Ltd., for amendment in the portion of address of factory of the first page of registration certificate of Penoxasulam 9.0% + Pyrazosulfuron ethyl 6.0% WDG.**
	RC deliberated the agenda and approved the same.
9.149	**Consideration of the request form M/s Lakshi Agrichem Pvt. Ltd., for the endorsement of change of factory address in respect of 31 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
9.150	**Consideration of the request form M/s Biome Technologies Pvt. Ltd., for the endorsement of change of factory address in respect of 15 nos. of Registration Certificate.**
	RC deliberated the agenda and approved the same.
	Packaging endorsement cases
9.151	**Endorsement of additional/alternate pack of PPCP containers pack size 1L, 4L, 10L and 20L as primary pack with3-ply CFB box as transport packing for Deltamethrin 1.0% FS u/s 9(3) issued to *M/s* Asian Paints Limited.**
	RC deliberated the agenda and approved the same.

9.152	**Endorsement for additional packing in the capacity of 25 kg of polypropylene woven sacks of the Imazethapyr technical 98% min. u/s 9(4) issued to M/s Leeds Life Sciences Pvt. Ltd.**
	RC deliberated the agenda and approved the same.
9.153	**Endorsement of additional packaging of Isocycloseram 9.2% DC issued to M/s Syngenta India Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.154	**Endorsement of additional bulk/transport packaging of Co-ex HDPE drum with capacity of 200 L for Penoxasulam 1.02% + Cyhalofop butyl 5.1% OD issued to M/s Corteva Crop India Pvt. Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.155	**Endorsement of additional pack size in HDPE drum as transport packing in CR of Thiamethoxam 1.25% + Fipronil 1.25% + Chlorantraniliprole 0.6% GR issued to M/s Tropical Agrosystem (India) Pvt. Ltd. u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.156	**Application for endorsement of additional packaging of registration certificate of Mesotrione 40% w/w (48% w/v) SC having registration no. CIR-21247/2024-MEsotrione (SC) (456) u/s 9(3) M/s Parijat Industries (India) Pvt. Ltd.**
	RC deliberated the agenda and approved the same.
9.157	**Application for endorsement of additional transport pack of 5 kg capacity in 5 ply CFB box for 100 g pack size for Thiocyclam hydrogen oxalate 50% SP issued to M/s P I Industries Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.158	**Endorsement of additional/alternate packing of 20 & 25 kg (LDPE) liner for Deltamethrin technical 98% min. issued to M/s Gharda Chemicals Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.
9.159	**Application for endorsement of additional packing in trilaminated pouches of 750 gm, 1500 gm pack size as primary of 2,4-D sodium salt 50% + Metribuzin 15% WP u/s 9(3) issued to M/s Agro Lifescience Corporation.**
	RC deliberated the agenda and approved the same.
9.160	**Application of endorsement of additional packing in HDPE bottles of 150 ml capacity further packed in mono cartons as secondary packaging and 5-ply corrugated fiber board (CFB) boxes for Abamectin 1.90% EC u/s 9(3) issued to M/s Crystal Crop Protection Ltd.**
	RC deliberated the agenda and approved the same.
9.161	**Application for the endorsement of an additional packaging of 25 kg paper plastic composite bag for our product Bifenthrin technical 98% w/w min. of M/s Rainbow Agrisceince Pvt. Ltd.**
	RC deliberated the agenda and approved the same.

9.162	**Endorsement of additional packaging of 4 kg, 6 kg & 8 kg tri-laminated pouch as primary packing in registration for the product Chlorantraniliprole 0.83% + Fipronil 1.33% GR to M/s UPL Ltd.**
	RC deliberated the agenda and approved the same.
9.163	**Endorsement of additional packaging of Tricontanol EW 0.1% issued to M/s Godrej Agrovet Ltd. u/s 9(3)**
	RC deliberated the agenda and approved the same.
9.164	**Application for the endorsement of an additional packaging of 25 kg paper plastic composite bag for our product Bispyribac sodium technical 97% w/w min. of M/s Rainbow Agrisceince Pvt. Ltd.**
	RC deliberated the agenda and approved the same.
9.165	**Endorsement of additional packing of Cyantraniliprole 16.9% + Lufenuron 16.9% SC issued to M/s Syngenta India Ltd., u/s 9(3).**
	RC deliberated the agenda and approved the same.
	Chemistry endorsement cases
9.166	**Consideration of an application of M/s Dhanuka Agritech Ltd., for endorsement for change of address of already approved source of import on the registration certificate of Cartap hydrochloride technical 98% w/w min. u/s 9(4) TI**
	Deleted
9.167	**Consideration of an application of M/s BR Agrotech Ltd., for endorsement of already approved additional source of import on the registration certificate of Cartap hydrochloride technical 98% w/w min. u/s 9(4) TI**
	RC deliberated the agenda and approved the application of M/s BR Agrotech Ltd., for for endorsement of inclusion of already approved additional source of import i.e M/s HUNAN HAOHUA CHEMICAL CO., Ltd. having registered address at No.1, Yu Wang Road. High Tech Industrial Development Zone, Youxian, Zhuzhou City, Hunan Province, China u/s 9(4) of the I. A. 1968, on the Registration Certificate of Cartap hydrochloride technical 98% w/w min. valid up to 14.11.2030. Subject to submission of Geo-location of source along with the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted. The case is approved subject to issuance of endorsement letter of M.s Krishi Rasayan Export Private limited which approved in 465 RC meeting vide agenda item No. 9.67. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.168	**Consideration of an application of M/s BR Agrotech Ltd., for endorsement of already approved additional source of import on the registration certificate of Cartap hydrochloride technical 98% w/w min. u/s 9(4) TI**
	RC deliberated the agenda and approved the application of M/s BR Agrotech Ltd., for for endorsement of inclusion of already approved additional source of import i.e Jiangxi Oushi Chemical Co., Ltd . Salt Industrial Zone, Xingan County, Ji'an City, Jiangxi Province, China u/s 9(4) of the I. A. 1968, on the Registration Certificate of Cartap hydrochloride technical 98% w/w min. valid up to 06.12.2029. Subject to submission of Geo-location of source along with the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.

9.169	**Consideration of an application of M/s Bharat Certis AgriScience Ltd., for extension of validity of source of import of Chlorpropham technical 99% w/w min. u/s 9(4) TI**
	The RC deliberated the agenda and approved the application of **M/s** Bharat Certis AgriScience Ltd., for extension of validity of the source of import of Chlorpropham technical 99% ***w/w Min.*** under Section 9(4) of the Insecticides Act, 1968. The registered source of import is **M/s Max Rudong Chemicals Co Ltd, Factory: Yangkou Chemical Industry Park, Rudong, Jiangsu Province 226407, P.R. China Office: No. 603, Binkang Road, Hangzhou, Zhejiang Province 310052, P.R. China** and the validity is extended up to **11.06.2030** as the validity in the source country has already been extended. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.170	**Consideration of an application of M/s Sinochem India Company Pvt. Ltd., for endorsement of name of supplier of already approved source of import on the registration certificate of Metolachlor technical 96% w/w min. u/s 9(3) TI**
	RC deliberated the agenda and approved the application of M/s Sinochem India Company Private Limited., for endorsement of name of the supplier as M/s Sinochem Agro Co., Ltd, having office address at 5th Floor, No. 567, Bocheng Road, Pudong New Area, Shanghai, 200126, P. R. China with already approved source of Import M/s Inner Mongolia Zhonggao Chemical Co., Ltd., South of Wuji Railway, Bayin Oboo Industrial Park, Alxa League Economic and Technological Development Zone, Inner Mongolia Autonomous Region, China., under Section 9(3) of the Insecticides Act, 1968, on the Registration Certificate of Metolachlor technical 96.0% w/w Min.. Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.
9.171	**Consideration of an application of M/s Sinochem India Company Pvt. Ltd., for endorsement of name of supplier of already approved source of import on the registration certificate of Oxyfluorfen technical 97% w/w min. u/s 9(4) TI**
	RC deliberated on the agenda and approved the application of M/s Sinochem India Company Pvt. Ltd., for endorsement of the name of the supplier as **M/s Sinochem Agro Co., Ltd, having office address at 5th Floor, No. 567, Bocheng Road, Pudong New Area, Shanghai, 200126, P. R. China.** with approved source **M/s Shangyu Nutrichem Co Ltd, No. 9 Weijiu Road, Hangzhou Bay Shangyu Economic and Technological Development Area, Zhejiang, China** for the product Oxyfluorfen technical 97% w/w min. Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.
9.172	**Consideration of an application of M/s Leeds Life Sciences Pvt. Ltd., for extension of validity of source of import of Imazethapyr technical 98% w/w min. u/s 9(4) TI**
	The RC deliberated the agenda and approved the application of **M/s** Leeds Life Sciences Pvt. Ltd., for extension of validity of the source of import of Imazethapyr technical 98% *w/w Min.* under Section 9(4) of the Insecticides Act, 1968. The registered source of import is M/s Weifang Cynda Chemical Co., Ltd. (ADD: NO. 2 of East Partial Lingang Chemical Zone, Binhai Economic Development Area, Weifang, Shandong, P. R. CHINA) and the validity is extended up to 29.12.2030 as the validity in the source country has already been extended. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.173	**Consideration of an application of M/s Sinochem India Company Pvt. Ltd., for endorsement of name of supplier of already approved source of import on the registration certificate of Bifenthrin technical 96% w/w min. u/s 9(4) TI**

	RC deliberated on the agenda and approved the application of M/s Sinochem India Company Pvt. Ltd. for endorsement of the name of the supplier as **M/s Sinochem Agro Co., Ltd., having its office address at 5th Floor, No. 567, Bocheng Road, Pudong New Area, Shanghai – 200126, P.R. China of** already approved source **M/s Jiangsu Changlong Agrochemical Co Ltd, No. 8, Tuanjiehe Road, Economic Development District of Taixing, Jiangsu, P.R. China** under Section 9(4) of the Insecticides Act, 1968, on the Registration Certificate of Bifenthrin technical 96% w/w min. Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.
9.174	**Consideration of an application of M/s Willowood Chemicals Ltd., for extension of validity of source of import of Imazethapyr technical 98% w/w min. u/s 9(4) TI**
	The RC deliberated the agenda and approved the application of **M/s** Willowood Chemicals Ltd., for extension of validity of the source of import of Imazethapyr technical 98% *w/w Min.* under Section 9(4) of the Insecticides Act, 1968. The registered source of import is M/s Weifang Cynda Chemical Co., Ltd. (ADD: NO. 2 of East Partial Lingang Chemical Zone, Binhai Economic Development Area, Weifang, Shandong, P. R. CHINA) and the validity is extended up to 29.12.2030 as the validity in the source country has already been extended. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.175	**Consideration of an application of M/s JU Agriscience Pvt. Ltd., for endorsement of name of supplier (additional) of already approved source of import on the registration certificate of Carbendazim technical 98% w/w min. u/s 9(4) TI**
	RC deliberated the agenda and approved the application of M/s JU AGRI SCIENCES PRIVATE LIMITED, for endorsement of the name of the supplier (addition) as M/s Jiangsu SNK Biotechnology Company Limited, (Address: No. 1502 Blog 131, No. 3 District-Aolong Qinghua Housing, No1627 Zhong Shan South Road, Taixuxincheng, Wujiang District, Suzhou, Jiangsu, China of approved source of import M/s ANHUI HUAXING CHEMICAL INDUSTRY CO., LTD., Address- Wujiang Town Hexian County Anhui Province PR China PC 238251, under Section 9(4) of the Insecticides Act, 1968, on the Registration Certificate of Carbendazim Technical 98.00% w/w Min. Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.
9.176	**Consideration of an application of M/s Insecticide (India) Ltd., for endorsement of change of address of supplier on the registration certificate of Cyenopyrafen 30% SC u/s 9(3) FI.**
	RC deliberated the agenda and approved the application of M/s Insecticides (India) Ltd, for endorsement of the address of supplier as "M/s Nissei Corporation, 19-21, Nihonbashi Hakozaki-cho, Chuo-ku, Tokyo 103-0015, Japan." from "M/s Nissei Corporation, 10-5, Nihonbashi-Honcho, 1-Chome, Chuo-ku, Tokyo 103-0023, Japan" with approved source of Import i.e. M/s Nissan Chemical Corporation, Japan., under Section 9(3) of the Insecticides Act, 1968, on the Registration Certificate of Cyenopyrafen 30% w/w SC. Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.
9.177	**Consideration of an application of M/s Krishi Rasayan Exports Pvt. Ltd., for extension of validity of source of import of Cartap hydrochloride technical 98% w/w min. u/s 9(4) TI**

	The RC deliberated the agenda and approved the application of M/s Krishi Rasayan Exports Pvt. Ltd., for extension of validity of the source of import of Cartap hydrochloride technical 98% w/w min. under Section 9(3) of the Insecticides Act, 1968. The registered source of import is M/s Hunan Haohua Chemical Co., Ltd., No.1 Yu Wang Road, High-Tech Industrial Development Zone, Youxian, Zhuzhou City, Hunan Province, China, and the validity is extended up to 14/11/2030, as the validity in the source country has already been extended. *Subject to issuance of Endorsement Letter for endorsement of change in manufacturing site of source of import which approve in 465 RC meeting, and submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.*
9.178	**Consideration of an application of M/s Krishi Rasayan Exports Pvt. Ltd., for extension of validity of source of import of Pyraclostrobin technical 98% w/w min. u/s 9(3) TI**
	The RC deliberated the agenda and approved the application of M/s Krishi Rasayan Exports Pvt. Ltd., for extension of validity of the source of import of Pyraclostrobin technical 98% w/w min. under Section 9(3) TI, of the Insecticides Act, 1968. The registered source of import is M/s Liaoning Flourine New Energv Materials Co. Ltd., Add: (Flourine Chemical industry, Baxse) Fluxindi Village. Yimatu Town, Fuxin Mangolia Autonomous County, Fuxin City, Liaoning Province China., and the validity is extended up to 30/07/2030, as the validity in the source country has already been extended. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted
9.179	**Consideration of an application of M/s Krishi Rasayan Exports Pvt. Ltd., for extension of validity of source of import of Azoxystrobin technical 98% w/w min. u/s 9(3) TI**
	The RC deliberated the agenda and approved the application of M/s Krishi Rasayan Exports Pvt. Ltd., for extension of validity of the source of import of Azoxystrobin technical 98% w/w min. under Section 9(3) TI, of the Insecticides Act, 1968. The registered source of import is M/s. Shanghai Heben-Eastsun Medicaments Co., Ltd., (Address: South of Tinglin Industrial Park, Jinshan, Shanghai, P.R. China, and the validity is extended up to 18/05/2030, as the validity in the source country has already been extended. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.180	**Consideration of an application of M/s Krishi Rasayan Exports Pvt. Ltd., for endorsement address supplier on the registration certificate of Azoxystrobin technical 98% w/w min. u/s 9(3) TI**
	RC deliberated the agenda and approved the application of M/s Krishi Rasayan Exports Pvt. Ltd., for endorsement of the address of supplier as M/s. FJ Agrochemicals Co., Ltd. Room 1113, No. 30, Lane 2419, Hunan Road, Pudong District, Shanghai, China. from M/s. FJ Agrochemicals Co., Ltd. Rm 281, No. 500, Zhangyang Road, Pudong District, Shanghai, China, under Section 9(3) of the Insecticides Act, 1968, on the Registration Certificate of Azoxystrobin Technical 98% w/w min. Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.
9.181	**Consideration of an application of M/s Indofil Industries Ltd., for endorsement of change of address of supplier on the registration certificate of Zoxamide technical 97% w/w min. u/s 9(3) TI**

<table>
<tr><td></td><td>RC deliberated the agenda and approved the application of M/s Indofil Industries Limited, for endorsement of the address of supplier as under:-

<table>
<tr><td></td><td>From</td><td>To</td></tr>
<tr><td>Name</td><td>M/s Gowan Crop Protection Limited,</td><td>M/s Gowan Crop Protection Limited,</td></tr>
<tr><td>Adress</td><td>Highlands House, Basingstoke Road, Spencers Wood Reading, Berkshire, England RG7 INT</td><td>Rothamsted Research, West Common, Harpenden, Hertfordshire, England AL5 2JQ” UK</td></tr>
</table>
From approved source of Import i.e. Dalian Chemphy- Chemical Co., Ltd., 488-1 Northeast Blvd., Economic and Technological Development Zone, Dalian city, Liaoning Province, China., under Section 9(3) of the Insecticides Act, 1968, on the Registration Certificate of Zoxamide Technical 97% w/w Min. Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.</td></tr>
<tr><td>9.182</td><td>Consideration of an application of M/s Venguard Kemagro Pvt. Ltd., for extension of validity of source of import of Carbendazim technical 98% w/w min. u/s 9(3) TI</td></tr>
<tr><td></td><td>The RC deliberated the agenda and approved the application of M/s Vanguard Kemagro Pvt. Ltd., for extension of validity of the source of import of Carbendazim technical 98% w/w min. under Section 9(3) of the Insecticides Act, 1968. The registered source of import is M/s Anhui Guangxin Agrochemical Company Ltd., Pengeun Village, Xinhang Town, Guangde, 242235, Anhui PR China. and the validity is extended up to 24/01/2031, as the validity in the source country has already been extended. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.</td></tr>
<tr><td>9.183</td><td>Consideration of an application of M/s ADAMA India Pvt. Ltd., for regularization of shelf life on the registration certificate of Pyroxasulfone technical 98.4% w/w min. u/s 9(3) TIM.</td></tr>
<tr><td></td><td>RC deliberated the agenda and approved the case for two-year shelf life on the registration certificate of Pyroxasulfone technical 98.4% w/w min. u/s 9(3) TIM.</td></tr>
<tr><td>9.184</td><td>Consideration of an application of M/s Syngenta India Pvt. Ltd., for regularization of shelf life on the registration certificate of Cyantraniliprole 48% FS u/s 9(3).</td></tr>
<tr><td></td><td>RC deliberated the agenda and approved the case for two-year shelf life on the registration certificate of Cyantraniliprole 48% FS u/s 9(3).</td></tr>
<tr><td>9.185</td><td>Consideration of an application of M/s Syngenta India Pvt. Ltd., for extension of validity of source of import of Isopyrazam technical 92% w/w min. u/s 9(3) TI</td></tr>
<tr><td></td><td>The RC deliberated the agenda and approved the application of M/s Syngenta India Pvt. Ltd, for extension of validity of the source of import of Isopyrazam technical 92% w/w min. under Section 9(3) TI of the Insecticides Act, 1968. The registered source of import is M/s Syngenta Nantong Crop Protection Co. Ltd., Jiangsu, P.R. China, and the validity is extended up to 02/08/2030, as the validity in the source country has already been extended. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.</td></tr>
<tr><td>9.186</td><td>Consideration of an application of M/s Syngenta India Pvt. Ltd., for extension of validity of source of import of Emamectin benzoate 0.1% Gel Bait u/s 9(3) FI.</td></tr>
<tr><td></td><td>The RC deliberated the agenda and approved the application of M/s Syngenta India Pvt. Ltd, for extension of validity of the source of import of Emamectin benzoate 0.1% Gel</td></tr>
</table>

	Bait under Section 9(3) FI of the Insecticides Act, 1968. The registered source of import is M/s Fumakilla Malaysia Berhad, Plot No. 256, Tingkat Perusahaan 5 Kawasan Perindustrian Perai 2,13600 Perai, Pulau Pinang, Malaysia., and the validity is extended up to 31/05/2029, as the validity in the source country has already been extended. Subject to submission of the original hard-copy affidavit / ICAMA / DNA / consent (apostilled/legalized), whichever is applicable, if not already submitted.
9.187	**Consideration of an application of M/s Best Crop Science Pvt. Ltd., for regularization of shelf life on the registration certificate of Spiromesifen technical 96.5% w/w min. u/s 9(3) TIM.**
	RC deliberated the agenda and approved the case for two-year shelf life on the registration certificate of Spiromesifen technical 96.5% w/w min. u/s 9(3) TIM.
9.188	**Consideration of an application of M/s Sinochem India company Pvt. Ltd., for addition of supplier name on the registration certificate of Acetamiprid technical 99% w/w min. u/s 9(3) TI**
	RC deliberated on the agenda and approved the application of M/s Sinochem India Company Pvt. Ltd. for endorsement of the name of the supplier as **M/s Sinochem Agro Co., Ltd., having its office address at 5th Floor, No. 567, Bocheng Road, Pudong New Area, Shanghai – 200126, P.R. China.** of approved source **M/s Qingdao KYX Chemical Co Ltd, Guhe Industry Zone, Shuiji, Laixi City, Qingdao China** under Section 9(4) of the Insecticides Act, 1968, on the Registration Certificate Acetamiprid technical 99% w/w min. Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.
9.189	**Consideration of an application of M/s Mahamaya Lifesciences Ltd., for addition of supplier name on the registration certificate of Glufosinate ammonium technical 95% w/w min. u/s 9(3) TI**
	RC deliberated the agenda and approved the application of M/s **MAHAMAYA LIFESCIENCES LIMITED**, for endorsement of the name of the supplier (addition) as M/s *A**grodragon Co., Ltd. located at: Part 1609B, No. 118, Xin Ling Road, China (Shanghai) pilot Free Trade Zone***, with approved source of import *M/s Lier Chemical Co Ltd, Economic and Technical Development Zone, Mianyang, Sinchuan, P.R. China, 621000*, under Section 9(4) of the Insecticides Act, 1968, on the Registration Certificate of ***Glufosinate ammonium Technical 95% Min.*** Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.
9.190	**Consideration of an application of M/s Mahamaya Lifesciences Ltd., for addition of supplier name on the registration certificate of Ethephone technical 90% w/w min. u/s 9(4) TI**
	RC deliberated the agenda and approved the application of M/s **MAHAMAYA LIFESCIENCES LIMITED**, for endorsement of the name of the supplier (addition) as M/s *A**grodragon Co., Ltd. located at: Part 1609B, No. 118, Xin Ling Road, China (Shanghai) pilot Free Trade Zone*** with approved source of import *M/s Jiangsu CF Agrochemical Co., Ltd. having registered office at address: Binhai Coastal Economic Development Zone, Yancheng City 224555, Jiangsu, China*, under Section 9(4) of the Insecticides Act, 1968, on the Registration Certificate of ***Ethephon Technical 90.00% w/w min.*** Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.

9.191	**Consideration of an application of M/s Mahamaya Lifesciences Ltd., for addition of supplier name on the registration certificate of Fosetyl aluminium technical 96% w/w min. u/s 9(4) TI**
	RC deliberated the agenda and approved the application of **MAHAMAYA LIFESCIENCES LIMITED**, for endorsement of the name of the supplier (addition) as M/s ***Agrodragon Co., Ltd. located at: Part 1609B, No. 118, Xin Ling Road, China (Shanghai) pilot Free Trade Zone*** with approved source of import *M/s. Zhejiang Jiahua Chemical Co., Ltd. having registered office address: Majian Town, Lanxi City, Zhejiang Province, China*, under Section 9(4) of the Insecticides Act, 1968, on the Registration Certificate of ***Fosetyl Aluminium Technical 96.00% w/w min.*** Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.
9.192	**Consideration of an application of M/s Meghnath Chemicals India Pvt. Ltd., for addition of supplier name on the registration certificate of Carbendazim technical 98% w/w min. u/s 9(4) TI**
	RC deliberated the agenda and approved the application of M/s MEGHANATH CHEMICALS INDIA PVT Limited, for endorsement of the name of the supplier (addition) as *M/s. Anhui Zhongcheng Agriculture Co., Ltd , Address : 303 G2 Xingmengyuan, 198# Mingzhu Road, Gaoxin District, Hefei, Anhui, China*, with approved source of import *M/s. Anhui Huaxing Chemical Industry Co., Ltd., located at Wujiang Town, Hexian County, Anhui Province, China*, under Section 9(4) of the Insecticides Act, 1968, on the Registration Certificate of *Carbendazim Technical 98% w/w Min*. Subject to the submission of original affidavit/consent letter/ICAMA/registration certificate as applicable, if not submitted.
9.193	**Consideration of an application of M/s FMC India Pvt. Ltd., for extension of validity of source of import of Cyantranilirpole technical u/s 9(3) TI.**
	RC deliberated the agenda and decided that applicant may be called for presentation in next RC meeting.
9.194	**Consideration of an application of M/s FMC India Pvt. Ltd., for extension of validity of source of import of Chlorantraniliprole technical u/s 9(3) TI.**
	RC deliberated the agenda and decided that applicant may be called for presentation in next RC meeting.
10.0	**<u>Miscellaneous</u>**
10.1	**Consideration of endorsement application for closure/withdraw u/s 9(3).**

RC deliberated the agenda and approved for closer of applications.

List of applications of endorsement u/s 9(3) of the insecticides act, 1968 for closer/withdraw is given below-

Sr. No.	Application Number	Category of Application	Name of Company	Remarks
1.	EN-53730	9(3) -Others -Intimation of Warehouse Name Change and request to update the warehouse name on the CROP PORTAL	M/s LANXESS INDIA PRIVATE LIMITED	Application closed as per applicant request.
2.	EN-47228	9(3) -Others- Surrendering the endorsement Certificate of name of supplier	M/s Parijat Industries (India) Pvt. Ltd.	Application closed as per applicant request.
3.	EN-44317	9(3) -Others- Submission of 30 months shelf-life data	M/s Best Crop Science Pvt Ltd.	Application closed as per applicant request.

10.2 **Non verification of registration certificate of M/s Meghmani Industries Ltd. Ahmedabad**

RC perused the agenda and expressed its serious concern on the issue of possessing of forged/fake certificate of registration for Sulphur 80% WDG purported to be issued vide Registration No. CIR-69,758/2005(254)-Sulphur (WDG-1125) from F.No.1,372-F 9(4)/2005 by M/s. Meghmani Industries Ltd., Ahmedabad. The issue came to light when the company moved an application for the attestation of this certificate of registration and on being inquired about the genuineness of the same from available records at Sectt. of CIB&RC it was revealed that the above file no. doesn't pertain to any such application for the grant of registration submitted by the M/s. Meghmani Industries Ltd., Ahmedabad. Further the CR records that the above registration was approved by the RC in its 254th meeting on the contrary no such approval was found in the entire MOM of 254th meeting. *Prima-facie* RC is of the view that M/s. Meghmani Industries Ltd., Ahmedabad is utilizing the above-mentioned CR which apparently appears to be fake and forged and, in any event, couldn't be presumed as genuine. Such type of illegal activities is to be checked at the threshold with exemplary punishments to the wrong doers.

RC still is inclined to grant an opportunity to show cause M/s. Meghmani Industries Ltd., Ahmedabad before taking any further view in the matter. RC directs the Sectt. of CIB&RC to call M/s. Meghmani Industries Ltd., Ahmedabad to submit their point of view on the above aspect in the next RC.

10.3 **Request for change in PHI of Glyphosate 41% SL on tea crop of M/s Bayer CropScience Ltd.**

	RC deliberated the agenda and approved for change in PHI of Glyphosate 41% SL on tea crop from 21 days to 7 days.
10.4	**Non-compliance and data integrity issues in residue studies submitted by certain laboratories.**
	RC deliberated the agenda in detail and noted the concerns raised by the Scientific Panel on Pesticide Residue (SPPR), FSSAI. In this regard, it is decided to constitute a committee to visit the said laboratories and inspect the infrastructure and instrumentation facilities, method of analysis, preparation of report and other details. Further, it was directed by the RC that the committee will submit its report and recommendations to the Registration Committee as soon as possible, for further necessary action.
10.5	**Consideration and compliance of interim order dated 28.11.2025 passed by the Hon'ble High Court of Madras (Madurai Bench) in WP (MD) no. 32496 and 34177 of 2025 filed by M/s Karur District LLIN Fabric and Bednet Association and M/s VKA Polymers Pvt. Ltd., vs UOI and Others.**
	RC perused the order dated 28.11.2025 wherein the directions given by DA&FW vide latter dated 15.09.2025 at para graph 1 regarding no extension to be granted by the RC beyond a period of two years for provisional registration u/s 9(3b) had been stayed by the Hon'ble High Court of Madras (Madurai Bench) in the aforesaid matter. RC noted the same for compliance. RC directs the Sectt. of CIB&RC to look into all the cases where applications, with complete documents as on the date of RC Meeting, for extension are pending may be approved for extension and where ever any other document is needed, the same may be communicated to the applicants for compliance. Such cases may be placed before the RC for an appropriate decision.
10.6	**Submission of fake document/test report by M/s Sunshine Fine Chemsol (I) Pvt. Ltd.**
	RC perused the agenda and took a serious note of the illegal activity of submission of fake and fabricated documents submitted by M/s Sunshine Fine Chemsol (I) Pvt. Ltd. for obtaining the registration. RC also observes that such an act by the company clearly tantamount to play fraud upon the RC, a statutory body constituted under the Insecticides Act, 1968. Such action also amounts to compromise with the safety and efficacy of the insecticide sought to be registered. Submission of forged reports without actual analysis/tests clearly amounts to defraud the authority which is a grave offence clearly covered within the definition of cheating, forgery and playing fraud upon the regulatory authority which may attract serious penal consequences including black listing of the company for future registration and cancellation of the earlier registrations granted along with other legal actions in accordance with law. RC also observed that a Show Cause Notice dated 03.12.2025 had already been issued to the company to provide their clarification/stand in this regard on which the company had sought time to submit the same. RC observes that although the issue is extremely serious but RC feels expedient that a final opportunity may be given to the company to Show Cause as to why legal proceedings may not be initiated against them. RC decided that M/s Sunshine Fine Chemsol (I) Pvt. Ltd. is granted fifteen days time from the communication of this decision to submit their explanation with supporting documents in this regard failing which appropriate legal proceedings/action both in civil and criminal side shall be initiated against the company.
10.7	**Representation with a request for action against Chinese company engaged in malpractices leading to illegal import.**

	RC perused the email communication dated 29.05.2025 received from Mr. Amit Sahni advocate addressed to Chairman RC with a request to take action against Chinese companies engaged frequently in malpractices leading to illegal imports and obtaining product registration in India which is an issue of public interest. It is also inter-alia pointed out that several Chinese companies post registration alter their manufacturing process, shift or close down their approved facilities and continue exporting the product to India from different unapproved sources often without updating the regulatory bodies. This not only undermines the integrity of the regulatory framework but also poses serious risks to Indian manufacturers, consumers and farmers, as the imported products are not re-evaluated for safety or efficacy. The advocate had thus requested that being a serious matter appropriate steps be taken against the violators to curb such practices that compromise regulatory integrity endanger public safety. RC is of the firm view that the concerns raised are serious in nature and needs examination at the level of Sectt. of CIB&RC. RC directs the concerned technical experts dealing import registration and further the issues related to the source of import etc. to examine the entire gamut of issue raised and ensure to place a factual report before the next RC meeting for taking an appropriate view in the matter.
10.8	**Consideration and compliance of order dated 28.11.2025 passed by the Hon'ble Revisional Authority in the matter of Crystal Crop Protection Ltd., vs CIB&RC.**
	RC perused the order dated 28.11.2025 and noted it for appropriate compliance.
10.9	**Consideration and compliance of order dated 06.11.2025 passed by the Hon'ble Revisional Authority in the matter of M/s Rainbow Agrosciences Pvt. Ltd., vs CIB&RC.**
	RC perused the order dated 06.11.2025 passed by the Hon'ble Authority and noted it for compliance. RC directs that the concerned technical experts dealing with the issues should place complete and clear facts before the RC so as to enable it to take a justified decision and to avoid unnecessary litigations. The concerned technical expert informed the RC that a separate agenda pertaining to the application is also placed before the RC at agenda item no. 10.10.
10.10	**Decision of the Appellate Authority in the Revision Petition No. 01 of 2025 regarding application of M/s Rainbow Agrosicnes Pvt./ Ltd., for registration under 9(3) TI vs TIM category for import of Tebuconazole technical 97% w/w min.**
	RC deliberated the agenda and approved for grant of registration of Tebuconazole technical 97% w/w min. under section 9(3) TI vs TIM from source M/s Shandong Weifang Rainbow Chemicals Co. Ltd. Binhai Economic Development Area, Weifang, Shandong, China. The validity of the registration of the product in source country is 18.01.2030. RC is also of the view that the applicant should submit the required information w.r.t. the detailed chemical composition of the source registered in the country of origin etc. and decided to grant the registration of the above product subject to the submission of above requisite information. Secretary CIB&RC shall verify the same from the records before the issuance of certificate of registration.
10.11	**Consideration of applications for endorsement of toxicity triangle issued u/s 9(4)/9(3).**
	RC deliberated the agenda and approved as per **Annexure-10.11.1**

10.12	**Consideration of an application of M/s Bayer Crop Science Ltd., for grant of registration for coded product *BCS-DR83795 50 g/l OD* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (45 L) of coded product of product *BCS-DR83795 50 g/l OD* to M/s Bayer Crop Science Ltd., for RTT purpose.
10.13	**Consideration of an application of M/s Syngenta India Pvt. Ltd., for grant of registration for coded product *EXF34465A (SYN551065 100 g/l SC)* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (40 L) of coded product of product *EXF34465A (SYN551065 100 g/l SC)* to M/s Syngenta India Pvt. Ltd, for RTT purpose.
10.14	**Consideration of an application of M/s Syngenta India Pvt. Ltd., for grant of registration for coded product *EXF34436A (SYN551065 100 g/l SC)* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (40 L) of coded product of product *EXF34436A (SYN551065 100 g/l SC*) to M/s Syngenta India Pvt. Ltd, for RTT purpose.
10.15	**Consideration of an application of M/s BASF India Ltd., for grant of registration for coded product *BAS 1015 AD H* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (20 L) of coded product of product *BAS 1015 AD H* to M/s BASF India Ltd, for RTT purpose.
10.16	**Consideration of an application of M/s BASF India Ltd., for grant of registration for coded product *BAS 1015 AB H* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (23 L) of coded product of product *BAS 1015 AB H* to M/s BASF India Ltd, for RTT purpose.
10.17	**Consideration of an application of M/s FMC India Pvt Ltd., for grant of registration for product *Tetflupyrolimet 128.6 + Pyraclonil 171.4 g/l SC* (Export) for RTT purpose**
	RC deliberated the agenda and approved the export of sample quantity (50 kg) of *Tetflupyrolimet 128.6 + Pyraclonil 171.4 g/l SC* to M/s. FMC Corporation, Stine Research Center, 1090 Elkton Road, Newark, DE 19711, USA for RTT purpose.
10.18	**Consideration of an application of M/s ADAMA India Pvt. Ltd., for grant of registration for coded product *Copper oxychloride [13332-40-7]* for RTT purpose**
	RC deliberated the agenda and approved for Import of sample Quantity of 30L CAS NO. Fluopicolide: [239110-15-7] Copper oxychloride: [1332-40-7] from ADAMA Makhteshim Ltd. PO Box 60, Be'er Sheva 8410001, Israel.
10.19	**Consideration of an application of M/s ADAMA India Pvt. Ltd., for grant of registration for coded product *Captan [133-06-2]* for RTT purpose**
	RC deliberated the agenda and approved for Import of sample Quantity of 30L CAS NO. Fluopicolide: [239110-15-7] Captan: [133-06-2] from ADAMA Makhteshim Ltd. PO Box 60, Be'er Sheva 8410001, Israel
10.20	**Consideration of an application of M/s ADAMA India Pvt. Ltd., for grant of registration for product *Bupirimate technical 94.5% w/w min.* for RTT purpose**
	RC deliberated the agenda and approved for Import of sample Quantity of 20kg CAS No: [41483-43-6] (Bupirimate Technical 94.5% Min.) from ADAMA Makhteshim Ltd. PO Box 60, Be'er Sheva 8410001, Israel

10.21	**Consideration of an application of M/s Bayer CropScience Ltd., for grant of registration for coded product *BCS-DE98844.1 672 g/l SC* for RTT purpose**
	RC deliberated the agenda and approved for Import of sample Quantity of 20L BCS-DE98844.1 672 g/l SC from Bayer AG, Germany
10.22	**Consideration of an application of M/s Indogulf Crop Sciences Ltd., for grant of registration for coded product *ICL/2025/05* for RTT purpose**
	RC deliberated the agenda and approved for Import of sample Quantity of 5 Kg ICL/2025/05 from M/s QINDAO HENGNING BIOTECHNOLOGY CO. LTD Address no 12 haipu north road, Xinhe ecological chemical technology industrial base, pindu city, Qingdao, Shandong China
10.23	**Consideration of an application of M/s Syngenta India Ltd., for grant of registration for product *Brodifacoum 0.005% BB* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (25 Lts) of *Brodifacoum 0.005% BB* to M/s Syngenta India Ltd., for RTT purposes.
10.24	**Consideration of an application of M/s Bayer CropScience Ltd., for grant of registration for coded product *IMD+TPC 66556 DEV SL 108* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (32 Lts) of coded product *NAI-18 400 SC* to M/s Bayer Crop Science Ltd., for RTT purposes.
10.25	**Consideration of an application of M/s Bayer CropScience Ltd., for grant of registration for coded product *IMD+TPC 66557 DEV SL 054* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (32 Lts) of coded product *IMD+TPC 66557 DEV SL 054* to M/s Bayer Crop Science Ltd., for RTT purposes.
10.26	**Consideration of an application of M/s Bayer CropScience Ltd., for grant of registration for coded product *IMD+TPC 66558 DEV SL 054* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (32 Lts) of coded product *IMD+TPC 66558 DEV SL 054* to M/s Bayer Crop Science Ltd., for RTT purposes.
10.27	**Consideration of an application of M/s Bayer CropScience Ltd., for grant of registration for coded product *IMD+TPC 66559 DEV SL 108* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (32 Lts) of coded product *IMD+TPC 66559 DEV SL 108* to M/s Bayer Crop Science Ltd., for RTT purposes.
10.28	**Consideration of an application of M/s Corteva Agriscience India Ltd., for grant of registration for coded product *NAI-18 340 SE* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (20 Lts) of coded product of coded product *NAI-18 340 SE* to M/s Corteva Agriscience India Ltd., for RTT purposes.
10.29	**Consideration of an application of M/s Corteva Agriscience India Ltd., for grant of registration for coded product *NAI-18 340 SC* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (20 Lts) of coded product of coded product *NAI-18 340 SC* to M/s Corteva Agriscience India Ltd., for RTT purposes.
10.30	**Consideration of an application of M/s Corteva Agriscience India Ltd., for grant of registration for coded product *NAI-18 360 SC* for RTT purpose**

	RC deliberated the agenda and approved the import of sample quantity (20 Lts) of coded product of coded product *NAI-18 360 SC* to M/s Corteva Agriscience India Ltd., for RTT purposes.
10.31	**Consideration of an application of M/s Corteva Agriscience India Ltd., for grant of registration for coded product *NAI-18 400 SC* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (20 Lts) of coded product of coded product *NAI-18 400 SC* to M/s M/s Corteva Agriscience India Ltd., for RTT purposes.
10.32	**Consideration of an application of M/s Bayer CropScience Ltd., for grant of registration for coded product *BCS-DS39838 SC 25* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (50 Lts) of coded product of coded product *NAI-18 400 SC* to M/s Bayer CropScience Ltd., for RTT purposes.
10.33	**Consideration of an application of M/s Bayer CropScience Ltd., for grant of registration for coded product *BCS-DS78648 SC 25* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (25 Lts) of coded product of coded product *BCS-DS78648 SC 25* to M/s Bayer CropScience Ltd., for RTT purposes.
10.34	**RTT application for closure.**
	RC deliberated the agenda and approved the closure of applications of RTT-11715 (M/s. Syngenta India Private Limited) and RTT-11600 (M/s. UPL Limited).
10.35	**Confirmation of minutes of 467th RC of agenda item no. 6.29 and 6.30.**
	RC deliberated the agenda and approved the following: -

For	May be read as
[Strain PL-1, Accession No. MTCC 5173]	[Strain T Stanes: PL-1, Accession No. MTCC No. 5175]

10.36	**Addition of details of product to be imported and exported and chemical composition of technical as well as formulation in certificate of registration for export certificates of import for export in Fast Track Export category u/s 9(3) export.**
	RC deliberated the agenda and approved the addition of following details in the Certificate of Registration and Label and Leaflet for export certificates of Import for Export in Fast Track Export category u/s 9(3) export: 1. Name and quantity of product to be imported 2. Name and quantity of product to be exported 3. Chemical composition of technical to be imported and chemical composition of formulation to be exported.
10.37	**Confirmation/Note Verbale Rom the Embassy of Lebanon in New Delhi, forward by WANA Division, MEA regarding the prohibition and import of agricultural pesticide containing the active ingredient Oxamyl.**
	RC deliberated the agenda and noted the communication received from the Embassy of Lebanon in New Delhi with enclosed a circular of Ministry of Agriculture regarding the "prohibiting the registration and import of agricultural pesticides" containing the active

	ingredient Oxamyl, and directed the Secretariat of CIB&RC to issue a public notice for compliance by all registrants of Oxamyl.
10.38	**Resubmission of agenda for consideration of an application of M/s Prasol Chemicals Ltd., for grant of permission for import of Yellow Phosphorus for non-insecticidal use.**
	RC deliberated the agenda and approved the import of 3600 MT Yellow Phosphorus 99% to be used for the manufacturing of Phosphorus Pentasulphide and Phosphorous Pentoxide from the following sources of Import: 1. Manufacturer: Vietnam Apatite Phosphorus Joint Stock Company, Tang Loong Industrial Zone, Bao Thang District, Lao Cai Province, Vietnam. Supplier name and address:- M/s KS International FZE, RAK Free Zone, BC2, Business Park, Office No, 327, RAS AlKhaima, UAE. 2. Manufacturer: M/s Esaco Lao Cai Corporation. Tang Loong Industrial Zone, Bao Thang District, Lao Cai Province, Vietnam. Supplier name and address: M/s Itochu Chemical Frontier Corporation, 1-3 Umeda 3- Chome,Kita – KU,Osaka 530-0001 Japan. 3. Manufacturer:- NDPP" Limited Liability Partnership, (EARLIER KNOWN AS KAZPHOPHATE LLP) Republic of Kazakhstan, Almaty city, Medeu District, Dostyk Avenue, Building 85A, Block 1, Office 429 Supplier name and address: 221 ALKAGESTA Silver Tower, I1, Cluster I, Jumeirah Lake Towers, Al Thanyah 5, Hadaeq Mohammed Bin Rashid, Dubai, Dubai Municipality 12667 73852 4. Manufacturer: M/s Cahya Mata Phosphates Industries SDN. BHD. Lot 148, Block 1, Kemena Land District, Samalaju Industrial park, Bintulu, Sarawak, Malaysia. Supplier Name and Address: M/s Toyota Tsusho Corporation, 2-3-13, Konan, Monato-Ku, Tokyo, Japan 5. Manufacturer: Vietnam Yellow Phosphorus Co. Ltd., Tang Loong Industrial Zone Tang Loong, Lao Cai, Vietnam. Supplier name and address: M/S K S International Fze, Rak Free Zone, Bc2, Business Park, Office No, 327, Al-Khaima, UAE 13
10.39	**Endorsement of additional quantity for import in Fast Track Export certificate u/s 9(3) import for export Fast Track Category (import of technical for export of formulation) of M/s Indofil Industries Ltd.**
	RC deliberated the agenda and approved the import of 12350 kgs of Difenoconazole Technical 95.00% w/w Min. from Zhejiang Udragon Bioscience Co Ltd., No. 1 Fangjiadai Road, Haiyan Economic Development Zone, Haiyan, Zhejiang, Jiaxing City, China, to export 30000 l Prothioconazole 250g/l + Difenoconazole 130g/l EC (Avtar) and

	30000 l of Difenoconazole 250g/l EC against Firm Purchase order (repeat order) received from INDOFIL INDUSTRIES (NETHERLANDS) B.V. Jollemanhof 22 1019 GW Amsterdam The Netherlands vide their Import for Export Certificate CIR-23742/2025-Difenoconaole (technical)-(465-FTE). The applicant has already submitted documentary proof in the form of Shipping Bills regarding the export of Prothioconazole 250g/l + Difenoconazole 130g/l EC (Avtar) and Difenoconazole 250g/l EC to the exporting party as per their previous confirm export order.
10.40	**Closure of application for issue of Free Sale Certificate of Picoxystrobin technical 98% w/w min. of M/s Indofil Industries Ltd.**
	RC deliberated the agenda and approved the closure of the application as requested by the applicant.
10.41	**Consideration of application received for Free Sale Certificate category ex-post facto approval.**
	RC deliberated the agenda and approved as per **Annexure-10.41.1**
10.42	**Registration of Renofluthrin.**
	RC deliberated the agenda and approved the permission, formulators are eligible to apply for registration of three formulations. (0.025% coil, 1.0% w/w incense sticks and 1.5% Liquid Vaporizer) using Renofluthrin 5% MUP, which is to be obtained from the registered source only.
10.43	**Request for modification in format of RTT for export purpose.**
	RC approved the agenda for the revised format for Export purpose.
10.44	**Files recommended for closure.**
	RC deliberated the agenda and agreed for closure (EN-56314, EN-53169)
10.45	**Consideration of an application received for import permit/permits for dual use insecticide schedule.**
	RC deliberated the agenda and approved as per **Annexure-10.45.1**
10.46	**Recommendation of the committee constituted by the DA&FW of the issue of KYC.**
	RC deliberated the agenda and expressed its serious concern on such account holders who are holding duplicate accounts and deficient accounts and are still operating the same for registration purposes. RC decided to grant last opportunity to all such applicants falling in this category to take corrective steps in this regard and communicate about their duplicate accounts and the account which shall be kept operational and submit the all information/data required for KYC. This exercise to be carried out within a period of 30 days from the date of hosting of these minutes. Needless to say, any breach or non-compliance of this decision shall be viewed

	seriously and suitable action as may be deemed fit shall be taken. All the deficient documents to be obtained through the deficiency, individual notice and also serve through the State Govts for compliance. A Public Notice will be published on the website giving the details of the companies and directions for compliance. Sectt. of CIB&RC is directed to communicate this decision to all such account holders with a copy of the same to the respective State Department of Agriculture so as to serving of the same to such companies/account holders in their respective domains.
10.47	**Follow up action an agenda item 10.9 and 10.16 of 466th and 467th RC meeting respectively regarding M/s Godrej Agrovet Ltd., for grant of registration for Pelargonic acid 65% EC for RTT purpose.**
	RC deliberated the agenda in detail and noted the reply submitted by the applicant and decided to consider the application for research, trial and test (RTT) purposes.
10.48	**Representation on Uttar Pradesh Notification No. 706/2025/1740114/12-2099/156/2023 prohibiting selected pesticides on basmati rice.**
	RC deliberated the agenda in detail and directs the Secretariat of CIB&RC to seek the complete details and background from the Associated Chambers of Commerce and the Industry of India (ASSOCHAM), Uttar Pradesh for further necessary action.
10.49	**Follow up action an agenda item no. 10.16 of 467th RC meeting regarding the proposal of dose range.**
	RC deliberated the agenda in detail and approved to consider the active ingredient of 60 g a.i./ha for maize and Bengal gram crops and 70 g a.i./ha for rice, tomato, and chilli crops.
10.50	**Judgement dated 19.11.2025 passed by the Hon'ble High Court of Gujarat at Ahmedabad in SCA No. 9705 of 2023 M/s Apcotex Industries Ltd., vs UOI & others with connected matter.**
	RC perused the judgement dated 19.11.2025 passed by the Hon'ble High Court of Gujarat in the above matters wherein the public notice dated 17.02.2022 has been set-aside to the extent of importing acrylonitrile for non-insecticidal use mainly on the ground that there is no requirement laid down in the rules or notification issued by the Central Government. RC decided to comply with the order dated 19.11.2025. RC also observes that the Central Government (DA&FW), after legal opinion and scrutiny, had published draft rules for the requirement of the import permit for all insecticides proposed to be used for non-insecticidal/industrial purposes. RC recalls that similar issues were also dealt in its 395th, 397th, 400th and 401st meetings. RC also notes that the import permits are being granted as per simplified guidelines and as an exemption for registration when the use of such substances is non insecticidal. RC is also of the view that the DGFT Ministry of Commerce can issue a notification for its import and export policies by the virtue of Section 5 of the Foreign Trade (Development and Regulation) Act, 1992. RC decided that DA&FW may be requested to issue a suitable communication to the DGFT to issue a notification for the requirement of the import permit for all substances which are proposed to be imported for non-insecticidal use. RC directs the Sectt. of CIB&RC to issue a suitable communication to DA&FW along with the list of all such substances which are to be used for non-insecticidal purposes.
10.51	**Consideration of the request from M/s Creative Unichem Pvt. Ltd., for endorsement of additional factory address in respect of 99 nos. of CR.**
	RC deliberated the agenda and approved the same.

10.52	**Application for review to decision on "extension of validity of LLIN Registration u/s 9(3b).**
	This agenda merged with agenda item no. 10.5
10.53	**Follow up action an agenda item no. 6.75 of 467th RC meeting regarding the registration of *Bacillus thuringiensis* var israelensis 5% AS under section 9(3) (Strain VCRC-B-17, Accession No. MTCC-5596).**
	RC deliberated the agenda in detail and observed that there is no scientific evidence for the enhancement of potency from 630 to > 4100 ITU / mg for *Bacillus thuringiensis* israelensis 5% (Strain VCRC-B-17). Hence, it is decided to seek the clarification from the Vector Control Research Centre (VCRC), Indian Council of Medical Research (IMR), Puducherry for further necessary action.
10.54	**List of 9(4) endorsement cases.**
	This agenda merged with agenda item no. 9.125
10.55	**Request for waiving off the requirement of having CR of TI under 9(4) TI category.**
	RC deferred the agenda for want of clarification.
10.56	**Malpractices adopted by some of the exporter companies in the exporter countries post product registration in India, leading to illegal imports.**
	This agenda is merged with agenda item no. 10.7
10.57	**Follow up action of 461st and 465th RC meeting in case of 9(4) TIM and 9(3) TI/TIM cases which were differed by the RC for want of clarification from CIL about chemical composition.**
	The report of the committee was perused and findings were deliberated case wise in detail. The RC decided to approved the cases as per the facts presented in the agenda. All cases except S. No. 49. M/s. Sudarshan Farms Chemicals India Pvt. Ltd., for Oxyfluorfen Tech u/s 9(4) TIM were approved. It was also decided that M/s. Sudarshan Farms Chemicals India Pvt. Ltd., for Oxyfluorfen Tech u/s 9(4) TIM may get draw sample of this product as per existing procedure, if they desire so.
10.58	**Issue of merging of duplicate user accounts with main KYC-Verified account and old account with current ID and KYC compliance on CROP portal reinstatement of suspended products on the CROP portal.**
	RC recalls its decisions taken in its 420th, 422nd, 424th, 425th meeting and various public notices dated 10.02.2021, 07.11.2022, 06.01.2023, 15.03.2023, 24.07.2023, 03.01.2024 and 13.06.2024 issued on the implementation of KYC guidelines, since many of the applicants had not complied with the KYC requirements and in consequence thereof the CRs of such companies were treated as cancelled. Recently, the RC had written a communication dated 16.10.2025 for cancellation of the manufacturing licenses of all such applicants to respective state agriculture departments who had failed to adhere to the KYC guidelines. RC also noted that a communication have been sent to DA&FW for issuance of Gazette Notification for effecting of cancellation of CR. The RC was apprised

	that lot of representations are received at DA&FW and Sectt. of CIB&RC wherein, the applicants are stating that they were not aware of the multiples account of the companies as the same would have been done by the consultants hired by them for the purpose and therefore, such harsh action taken should be withdrawn and an opportunity must be given for getting the multiples account merged and activating the frozen accounts. RC also observed that certain appeal is also filed before the Hon'ble Appellate Authority under section 10 of the Insecticides Act against the directions/communication dated 16.10.2025 issued to the State Governments by the Sectt. of CIB&RC. RC also observes that a Writ Petition has also been filed before the Hon'ble High Court of Gujarat on similar issues by M/s Agro Chemicals Manufacturers Association of India and other versus Union of India and Others. Although RC is of the view that ample opportunities by the way of various public notices had already been provided but since the applicants are insisting to provide one last opportunity to rectify their mistakes and therefore RC is of the view that a last opportunity may be given to the applicants to represent their respective cases with adequate justification within 30 days from the date of hoisting of this decision. Further the Sectt. of CIB&RC shall also communicate the same to all the concerned applicants on their email addresses with a copy to the respective State Governments to serve this decision upon them. RC also directs the concerned technical expert dealing with the KYC issues to examine the requests so received on its individual merits under the supervision of Sr. Law Officer so as to take a considered view in the matter at the level of Sectt. of CIB&RC. The Secretary, CIB&RC will be authorized for accepting/approving or otherwise of the requests so received from the applicants. The post-facto approval of the RC on such cases will be obtained. RC is also of the considered opinion that till a final view on the issue is arrived at, the implementation of the communication dated 16.10.2025 issued by the Sectt. of CIB&RC to the State Governments shall be kept in abeyance and shall not be given effect to. Appropriate communication in this regard shall be issued to all the State Governments by the Sectt. of CIB&RC for its immediate compliance. RC also decided that DA&FW and our Learned Government Counsel at Hon'ble Gujarat High Court may also be apprised of this decision.
10.59	**Permission for continued use of old labels during transition of new packaging requirement vide Gazette Notification GSR 368(E) dated 03.06.2025**
	RC deliberated the agenda and approved for continued use of old labels during transition of new packaging requirement vide Gazette Notification GSR 368(E) dated 03.06.2025 as per the existing stock.
10.60	**Follow up/consideration of an application of M/s Rainbow Agrosciences Pvt. Ltd., for grant of registration under 9(3) TI (New source) category for import of *Imazamox technical 98% w/w min.***
	RC deliberated the agenda and approved for grant of registration for Technical Import (New Source) of *Imazamox technical 98% w/w min.* from source M/s Shandong Weifang Rainbow Chemical Co. Ltd. Binhai Economic Development Area, Weifang, Shandong, China through M/s Shandong Rainbow Agrosciences Co. Ltd., 11/F, Capital Centre, 151 Gloucester Road, Wanchai, Hong Kong. The validity of the registration of the product in source country is 11.06.2030. RC is also of the view that the applicant should also submit the required information w.r.t. the detailed chemical composition of the source registered in the country of origin etc. Secretary CIB&RC is directed to verify the same from the records before the issuance of certificate of registration.

10.61	**Follow up/consideration of an application of M/s Rainbow Agrosciences Pvt. Ltd., for grant of registration under 9(3) TI vs TIM category for import of *Imazethapyr technical 98% w/w min.***
	RC deliberated the agenda and approved for grant of registration for Technical Import (TI vs TIM) of *Imazethapyr technical 98% w/w min.* from source M/s. Shandong Weifang Rainbow Chemicals Co. Ltd Binhai Economic Development Area, Weifang, Shandong, China. (The validity of this product is 28.10.2028). RC is also of the view that the applicant should also submit the required information w.r.t. the detailed chemical composition of the source registered in the country of origin etc. Secretary CIB&RC is directed to verify the same from the records before the issuance of certificate of registration.
10.62	**Follow up/consideration of an application of M/s Willowood Chemicals Pvt. Ltd., for grant of registration under 9(3) TI (New source) category for import of *Carfentrazone-ethyl technical 90% w/w min.***
	RC deliberated the agenda and approved for grant of registration for Technical Import (New Source) of *Carfentrazone-ethyl technical 90% w/w min.* from Liaoning Cynda Chemical Co., Ltd. No. 417, Hanjiang Road, Comprehensive Industrial Park, Economic Development Zone, Huludao, Liaoning, P. R. China. through M/s Willowood (Hangzhou) Co. Ltd., Room No. 2003, Golden Plaza, No. 118, Qingchun Road, Xiacheng District, hangzhou City, Zhejiang Province, China (The validity of this product is 22.05.2027). RC is also of the view that the applicant should also submit the required information w.r.t. the detailed chemical composition of the source registered in the country of origin etc. Secretary CIB&RC is directed to verify the same from the records before the issuance of certificate of registration.
10.63	**Consideration of an application of M/s ADAMA India Pvt. Ltd., for grant of registration for coded product *AI.2505.BTS* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (20 Kg) of coded product of product *AI.2505.BTS* to M/s ADAMA India Pvt. Ltd., for RTT purpose.
10.64	**Consideration of an application of M/s ADAMA India Pvt. Ltd., for grant of registration for coded product *CAS No. [150114-71-9]* for RTT purpose**
	RC deliberated the agenda and approved the import of sample quantity (100 Kg) of coded product of product *CAS No. [150114-71-9]* to M/s ADAMA India Pvt. Ltd., for RTT purpose.
10.65	**Consideration of an application of M/s UPL Ltd., for grant of registration for coded product *UPF-2361-003-A [Chlobenetheram 340 g/l SC]* for RTT purpose**
	RC deliberated the agenda and approved for import of sample quantity 25L UPF-2361-003-A [Chlobenetheram 340 g/1 SC] from UPL Operating as Arysta Lifescience Benelux SRL Address: Rue de Renory, 26/1, BE-4102, Ougree, Belgium
10.66	**Consideration of an application of M/s BASF India Ltd., for grant of registration for coded product *BAS 842 AE F (ametoctradin 240 g/l + fluoxapiprolin 15 g/l SC)* for RTT purpose**
	RC deliberated the agenda and approved for import of sample quantity 30L BAS 842 AE F (Ametoctradin 240 g/L + Fluoxapiprolin 15 g/L SC from BASF SE, 67117 Limburgerhof, Germany

10.67	**Consideration of an application of M/s BASF India Ltd., for grant of registration for coded product *BAS 842 AP F (ametoctradin 240 g/l + fluoxapiprolin 15 g/l SC)* for RTT purpose**
	RC deliberated the agenda and approved for import of sample quantity 30L BAS 842 AP F (Ametoctradin 240 g/L + Fluoxapiprolin 15 g/L SC from BASF SE, 67117 Limburgerhof, Germany
10.68	**Consideration of an application of M/s BASF India Ltd., for grant of registration for coded product *BAS 842 AO F (ametoctradin 240 g/l + fluoxapiprolin 15 g/l SC)* for RTT purpose**
	RC deliberated the agenda and approved for import of sample quantity 30L BAS 842 AO F (Ametoctradin 240 g/L + Fluoxapiprolin 15 g/L SC from BASF SE, 67117 Limburgerhof, Germany
10.69	**Uniformity regarding species/spp. Name of various microbes listed in the list of insecticides schedule.**
	RC perused the agenda and after deliberation is of the view that the request is not feasible to be accepted.
10.70	**Consideration of request for merger of user accounts on the CROP portal by various applicants and a fresh writ petition SCA No. F/SCA/37674/2025 of 2025 filed by M/s Agro Chemicals Manufacturers Association of India and other versus Union of India and Others.**
	This agenda merged with agenda item no. 10.58
10.71	**Order dated 05.01.2026 passed by the Hon'ble High Court of Madras (Madurai Bench) in contempt petition (MD) No. 2710/2025 in WP (MD) No. 7813 of 2024.**
	RC perused the order dated 05.01.2026 passed by the Hon'ble High Court of Madras (Madurai Bench) passed in the above matter and with highest regards to the observations made in the order. The RC decided to recall its final decision taken in its 467th meeting at agenda item no. 2.2 and the same shall not be given effect to. RC directs the concerned technical experts to relook at the captioned application of M/s Shobika strictly in terms of the observations made by the Hon'ble Appellate Authority in its order dated 21.03.2022 and further the directions of the Hon'ble High Court dated 27.03.2024 passed in WP No. 7813 of 2024. RC also observes that although the final judgement is yet to be received by the RC but in any event the directions are to be complied in a time bound manner. Secretary CIB&RC is also requested to look into the matter in right perspective so as to comply with observation made by the Hon'ble High Court in its order dated 05.01.2026.
10.72	**Illegal trade of Methyl Bromide causing serious damage to Ozone layer and tax evasion to the Government of India and State Government.**
	RC perused the agenda and observed that an email communication dated 14.11.2025 and 03.12.2025 addressed to various Authorities including Sr. officers of DA&FW, PPA and Secretary, CIB&RC has been received from Green Envir pointing out the illegal trade and other unethical activities carried out by M/s Intech Organics Ltd.,/Intech Pharma ltd., who is manufacturing methyl bromide and vinyl bromide along with other products in Rajasthan and Goa inter-alia it has also been pointed out that the firm has exported a consignment of methyl bromide to Libya in the name of vinyl bromide which was caught and thus it is an illegal trade. It is also alleged that the firm is selling methyl bromide in the name of vinyl bromide and exporting it to the countries like Libya although the same is banned in Libya. It is also pointed out that they do not have any facilities/infrastructure

	to produce vinyl bromide in any of their plants. Some more instances of unethical activities carried out by the firm M/s Intech are also pointed out. RC observes that the issues raised in the communication are extremely sensitive as the product methyl bromide has a direct impact on the environment and is capable of causing damage to the Ozone layer. RC took a serious view on such unethical activities carried out by M/s Intech and the same appears to be a breach/violation of the laws of the land. RC feels it expedient that before taking any coercive steps against M/s Intech an opportunity to Show Cause may be granted to them to seek their clarification/justification in this regard. RC directs the Sectt. of CIB&RC to issue a Show Cause Notice to the firm granting them 15 days time to submit a response thereto.
10.73	**Correction of minutes of 464th RC meeting.**
	RC deliberated and approved as- 464th RC: 9.80 : Endorsement of additional bulk packaging of Acetamiprid technical 96% w/w min. issued to M/s BASF India Ltd., u/s 9(4). To be read as 9.80: Endorsement of additional bulk packaging of Dimethomorph technical 96% w/w min. issued to M/s BASF India Ltd., u/s 9(4).
10.74	**Closure/withdrawal of an application of M/s Corteva Crop India Pvt. Ltd., for grant of registration for indigenous manufacture of Penoxasulam 50% w/w MUP (Manufacturing Use Product) under section 9(3) FIM vs FI.**
	RC deliberated the agenda and agreed for closure.
10.75	**Request for approval to LPU to conduct filed evaluation of pesticide molecules for industry for registration purpose under CIBRC guidelines at its Lovely Professional Agriculture Research Farm.**
	RC deliberated the agenda in detail and directs the Secretary, CIB&RC to seek comments from the Assistant Director General (Plant Protection), Indian Council of Agricultural Research (ICAR), Krishi Bhawan, New Delhi about the National Agricultural Research & Education System (NARES) status of the institute for further necessary action.
10.76	**Request approval for conducting field bio-efficacy studies by IIBAT.**
	RC deliberated the agenda in detail and directs the Secretary, CIB&RC to seek comments from the Assistant Director General (Plant Protection), Indian Council of Agricultural Research (ICAR), Krishi Bhawan, New Delhi about the National Agricultural Research & Education System (NARES) status of the institute for further necessary action.
10.77	**Consideration of applications received for free sale certificate category for Ex-post Facto approval.**
	RC deliberated the agenda and approved as per **Annexure-10.77.1**
10.78	**Scrutiny of applications under section 9(3) and 9(4) endorsement of the Insecticide Act, 1968.**
	RC deliberated the agenda and observed that after obtaining of registration, all the registrant is of equal in the eyes of law and specifically under IA, 1968 and supposed to maintain the same quality, same rule and guidelines irrespective of their category U/S 9(3) or 9(4).

	It is also observed that there is no demarcation after grant of registration; on the basis of categories defined under the Act for grant of registration. Once registration granted all the registrants are equal so the prevailing guidelines of endorsement shall be applicable on both categories of applicants irrespective of their registration application category.
10.79	**Clarification of agenda item 6.75 of 467th RC meeting of an application of M/s HIL (India) Ltd., for grant of registration for indigenous manufacture of Bacillus thuringiensis var israelensis 5% AS.**
	The RC deliberated the agenda in detailed. It was brought to the knowledge of the RC that the product was initially registered for Formulation in AS form with 5% loading as well as Mother Culture as technical with 8-11% loading with 630 ITU/g & 1010 ITU/g. The Method of Analysis used in old case and present case is same, therefore, the exorbitant change in the potency doesn't seems justified. All the facts have been discussed and evaluated scientifically while arriving at the above decision. Therefore, the potency granted earlier remains unchanged. (Agenda 10.53 to be considered)
10.80	**Consideration of an application received for import permit/permits for dual use insecticide schedule.**
	RC deliberated the agenda and approved as per **Annexure-10.80.1**
10.81	**Recommendation of the scientific panel on pesticide residue (SPPR) on the crop grouping document.**
	RC deliberated the agenda in detail and noted the recommendations of the Scientific Panel on Pesticide Residue on the Crop Grouping Principles. In this regard, RC directs the Secretary, CIB&RC to seek the comments and opinion from pesticide industries and stakeholders for further necessary action.
10.82	**Consideration of an application of M/s Jai Research Foundation, for grant of registration for product Phostoxin bag for RTT purpose.**
	RC deliberated the agenda and approved the import of sample quantity (500 gm) of Phostoxin bag to M/s Jai Research Foundation., for RTT purpose.
10.83	**Consideration of an application of M/s Syngenta India Pvt. Ltd., for grant of registration for coded product A24591A for RTT purpose.**
	RC deliberated the agenda and approved the import of sample quantity (40 liters) of coded product A24591A to M/s Syngenta India Pvt. Ltd., for RTT purpose.
10.84	**Application for the deletion of crops.**
	This agenda merged with agenda item no. 9.83.
10.85	**Consideration of application for endorsement in toxicity triangle issued u/s 9(4).**
	This agenda merged with agenda item no. 10.11.
10.86	**Clarification regarding validity extension of registration certificate registered u/s 9(3b).**

	RC deliberated the agenda in view of the decision given by the Hon'ble High court of Madaras (Madurai Bench) and decided to approve the agenda subject to verification of the progress of the data generation.
10.87	**Follow up of an application of M/s Krish Biotech Research Pvt. Ltd., for grant of registration under 9(3) TI category for import of Paraquat dichloride technical 42% w/w min.**
	RC deliberated the agenda and observed that the applicant was asked to submit 5 batch analysis reports along with its complete impurity profile for the subject substance from the GLP lab in the country of origin. However, the applicant has submitted 5 batch analysis report generated not from the country of origin China but from AgriFor Scientific Ply Ltd., Unit 1, 22-30, Delhi Road, North Ryade, NSW 2113, Australia. It is also observed that the study of the report was initiated on dated 11.10.2010 and the study completion date is 16.02.2011. The RTT permit was also obtained on 27.07.2012. The study has been carried out much before and as per the records available it is also observed that the original source is not in existence as on date. In view of the above the case is rejected on the basis of quite old 5 batch analysis report and also on the basis of report generated from different country and prior to RTT permit.
10.88	**Consideration of an application of M/s Crystal Crop Protection Ltd., for grant of registration for indigenous manufacture of Pyridaben technical 98% w/w min. u/s 9(3) TIM vs FI.**
	RC deliberated the agenda and observed that the sample under PRV analysis in CIL has shown one impurity in access to declared chemical composition and hence does not qualify for the grant of registration. However, RC is of the view that an opportunity may be given to the applicant to submit its willingness for re-drawl of the same if he so desires.
10.89	**Follow up agenda of M/s Natco Pharma Ltd., for grant of registration for technical indigenous manufacture (TIM) for the product Gossyplure technical 96% w/w min.**
	RC deliberated the agenda and approved the same.
10.90	**Representation of M/s Biostadt India Ltd., for consideration of application of Pyribenzoxim technical 95% w/w min. u/s 9(3) TI against the 9(3) FI (WRT) already approved in favour of M/s LG Chem Life Sceince India Pvt. Ltd.**
	RC deliberated the agenda and approved the same.
10.91	**Consideration of application of M/s BASF India Ltd., for grant of registration of Flocumafen technical 95.5% w/w min. for RTT purpose.**
	RC deliberated the agenda and approved the same.
10.92	**Follow up examination of toxicological data pursuant to decision of 466th RC meeting – Thymol Technical 50% w/w min. and Thymol 15% WP.**
	In accordance with the decision of the RC taken in its 466th meeting, the toxicological data submitted for Thymol Technical 50% w/w min. and Thymol 15% WP were examined. The RC noted that the data are in compliance with the earlier directions and accepted the same for further processing as per the prescribed regulatory procedure.
10.93	**Representation received from various applicants for issuance for export permits for dual use insecticide.**

	RC deliberated the agenda and acknowledged the need for the issuance of Export permits for dual use insecticide. RC directed the Secretariat to frame draft guidelines, checklist and application proforma for the Export permit of dual use insecticide on similar grounds as the Import Permit with necessary changes as per the requirements of Export and publish the same on the website of the Directorate, with an intimation to the stakeholders to submit their comments/suggestions regarding the same within 30 days of its publication. The final guidelines, checklist and application proforma along with the comments/suggestion so received may then be placed in the RC.
11.0	**Any Other item**
11.1	RC recalls its decision taken in 466th meeting at agenda item no. 11.1 wherein the RC has taken the below mentioned decision. *"During the discussion on the various application and judgement given by the Appellate Authority it was observed that various guidelines have been approved by the RC in various meetings which are placed in a scattered manner. Therefore, for better transparency utility and clarity it was decided to constitute an expert group under the chairmanship of Dr. Poonam Jasrotia, ADG (PP) and Member RC. It was also further decided that the above said expert group shall submit is report preferably within a month to the Sectt. of CIB&RC which shall be presented to the RC. Further, the composition of the expert group as under: 1. Dr. K. L. Gurjar, JD (PP) - Member 2. Dr. Sonai Rajan, AD (E) - Member 3. Dr. Rahish Ahmed, Sr. Consultant (MT) - Member 4. Dr. K. N. Singh – PMFAI - Member 5. Sh. Rajesh Dhawan – CLI - Member 6. Sh. Rudra Pratap – ACFI - Member 7. Sh. Anand Jha – CCFI - Member 8. Sh. Avnish Tomar, DD (Chem) - Member Secretary TOR of the committee; 1. To compile all the approved guidelines along with specific conditions. 2. Suggest minor modifications to rectify any ambiguity what so ever that may come to the notice of expert group".* RC was apprised that due to extreme pre occupations of Mr. Avanish Tomar who was nominated as Member Secretary expressed his inability to spare time for the purpose. RC decided that Dr. T. Sonai Rajan, AD (E) is nominated to act as a member secretary of the above committee and the rest of the composition remain unchanged.
11.2	RC recalls its decision taken in its 467th meeting at agenda item no. 10.62 which reads as under: **Endorsement of 9(4) categories means for already approved changes such as packaging, crop addition, incorporation of conditions stated by the RC, crop deletion, source addition, change of toxicity triangle on formulation based for correction in the label and leaflet:** "The agenda was deliberated in details and RC approved the proposal of the Sectt. of CIB&RC. The RC decided that: 1. The Sectt. of CIB&RC shall ensure that a module to be developed by the CGG enabling to issue the endorsement from data base within 15 days from the issue of these MOM. 2. The Endorsement letter shall be issued within two working days. 3. Such endorsement cases shall go directly in the account of Secretary (CIB&RC). 4. The Secretary (CIB&RC) shall issue the approval/endorsement (Excluding new endorsement) letter within two working days from the Sectt. of CIB&RC without approval of RC. The same shall be put-up to RC for Ex-Post-Facto approval in the next RC Meeting. 5. No endorsement can be issued under this process, if the endorsement is not already approved by the RC. 6. The applicant has to apply on CROP portal for endorsement as per existing procedure. 7. Such kind of endorsements are as under: i. Already approved Shelf-Life issued to registrant. ii. Already approved Packaging issued to registrant. iii. Already approved source of import issued to registrant. iv. Already approved crops issued to registrant against the pesticides. v. Deletion of Crops. vi. Already approved toxicity triangle of formulation. RC further directed the Sectt. of CIB&RC to issue a public notice to implement this decision with wider publicity and transmission to all the stake holders. All the Pesticides associations shall also be communicated this decision enabling them to spreading the awareness

	of "Ease of Doing Business" and availing the harmonious process of repeat endorsement under "Me Too" category". RC was informed that the development of the module implementation of above decision shall take a considerable time. In such circumstances RC is of the considered view to facilitate the applicants under section 9(4) and for speeding up the grant of endorsement letters w.r.t. above mentioned categories, till then the such certificates/letters shall be issued under the signatures of Secretary (CIB&RC) and the details thereof shall be placed before the RC for its ex-post facto approval.

The meeting ended with a vote of thank to the Chair

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Annexure-1.1

Guidelines for registration of pesticides for Technical Import from New Source (TI-New Source) v/s against the molecule registered under FIM-WRT, FI-WRT and TI U/S 9(3).

S. No.	Parameter	Requirement
1	2	3
A.	**Chemistry**	
1.	Source of Supply of Technical	R
a.	Office address of the Source of Manufacturer with documentary evidence with geo tagging details	R
b.	Manufacturing/factory address of the Manufacturer with documentary evidence with geo tagging details	R
c.	Copy of registration certificate in the exporting country (Where technical is not granted regn. Proof of registered chemical composition is required)	R
d.	Documentary evidence of manufacturing address to prove that the manufacturing address belongs to the manufacturer with geo tagging details	R
e.	Copy of manufacturing license of the manufacturer, (In case license of manufacturing of technical is not issued in the exporting country then a notification from the exporting country that the manufacturing license is not issued to the manufacturer in the country as per law)	R
2.	Detailed Chemical Composition	R
a.	Chemical Identity & Physico - Chemical Properties of technical	R
b.	Physico - Chemical Properties of adjuvants	R
c.	IUPAC name, CAS name & CAS no of Raw materials/adjuants	R
d.	Technical Bulletin of the product	R
3.	Specification of the product in BIS format	R
a.	Method of Analysis of active ingredients, impurities and adjuvants	R
b.	Analytical Test Report	R

c.	Identification & Quantification of identifiable Impurities from GLP lab (Current 5 Batch)	R
4.	Shelf-life claim	R
5.	Shelf-life Data from GLP lab (As per OECD requirement)	R
6.	Establishment of Chemical Equivalence	NR
7.	Process of Manufacture in details	R
7.1	Information about Raw Materials Used & their Source of Supply	R
7.2	Step-wise Manufacturing Process, conditions etc.	R
7.3	Route of formation of impurities, chemical reaction and flow chart diagram	R
7.4	IUPAC/CAS no. of known/detected Impurities	R
7.5	Chemical structure of known impurities, Molecular weight of Impurities etc.	R
7.6	Manufacturing Chemical Equation in detailed with molecule balancing	R
7.7	Chemical Formula of all raw material, stepwise products formed etc. with molecular mass	R
7.8	Flow sheet diagram of process of manufacture	R
7.9	Effluent Treatment method	R
8.	Documents such as registration certificate / Certificate of DNA giving detailed CC, Manufacturing license or any other approval under any Govt. regulation will be acceptable to support that manufacturer is actual producer	R
9.	Certificate from manufacturer that the supplier is an authorised supplier of the manufacturer, wherever applicable.	R
10.	A test report about the quality of the product from a laboratory as per GLP scheme. This requirement will be provided along with first consignment. Thereafter, each consignment should have proper analytical test report of the manufacturer from GLP lab.	R

11.	The applicant should provide sample through drawl of sample along- with standards sample from the principals/ authorized supplier for competency & chemical verification. In case of technical grade pesticides u/s 9(3), samples of std. impurities are also to be provided for chemical verification. An undertaking are also to be submitted by the importer for readiness for drawl of in-process sample from the manufacturer.	R
12.	Methodology for residue estimation as per BIS format.	R
B.	**Bioefficacy**	
13.	Bio-effectiveness*	R (2 seasons data on each crop mentioned in labels / leaflets at least at 2 climatic zones)
14.	Phytotoxicity*	
15.	Effect on parasites & predators	NR
16.	Translocation in plants	NR
17.	Metabolism in soil	NR
18.	Metabolism in water	NR
19.	Metabolism in plant	NR
20.	Persistence in soil	NR
21.	Persistence in water	NR
22.	Persistence in plant	NR
23.	Compatibility with other chemicals, if claimed	NR
24.	Residues in plant	R (on representative crop of each group on which pesticide is approved, data for 2 years / seasons from one location for herbicides and (repeatedly used

		fungicides /insecticides at same location). For insecticides and fungicides data for one season from two agro climatic locations.
25.	Residues in soil	R [same as for residue in plant]
26.	Residue tolerance limits fixed by foreign countries	NR
27.	Cost benefit ratio	NR
28.	Registration status in foreign countries	NR

NOTE:

1. **Bio-effectiveness & Phyto-toxicity data to be submitted on all registered formulations of same technical as per RC guidelines on all approved crops at the time of issue of import permit provided the application for registration is received within 4 years of issue of import Permit (313th RC decision). No exemption is allowed in any condition.**
2. **For herbicides data on effect on Physico-chemical and biological properties of soil and effect on normally cultivated succeeding crops are to be submitted along with residue studies.**

C.	**Toxicity**	
29.	Acute oral in rat	R
30.	Acute dermal	R
31.	Acute inhalation	R
32.	Primary skin irritation	R
33.	Irritation to mucous membrane	R
34.	Skin sensitization	R
35.	Sub-acute oral rat 28 day (Dose range finding)	R

36.	Sub-acute oral rat 90 days	R
37.	Sub-acute dermal	R
38.	Sub-acute inhalation	R
39.	Neuro-toxicity	NR
40.	Synergism & potentiation	NR
41.	Teratogenicity	NR
42.	Effect on reproduction	NR
43.	Carcinogenicity	NR
44.	Metabolism in Rat	NR
45.	Mutagenicity (AMES test, any two In Vitro and one In Vivo Test)	R
46.	Toxicity to birds	R
47.	Repeated dose Avian toxicity (One species)	R
48.	Acute Toxicity- Earthworm	R
49.	Toxicity to fish	R
50.	Toxicity to honeybees (Oral & Contact)	R
51.	Metabolism to live stock	NR
52.	Medical data of industrial workers	R
53.	Human toxicity information from foreign countries	R
54.	Observation in man (Health records of spray operators)	NR
55.	Health records of Industrial workers (a certificate from exporter)	R
56.	Toxicity to live stock (Field trial & observation)	NR
57.	International report on carcinogenicity & genotoxicity status	NR
D.	**Packaging**	

58.	Labels and leaflets as per IR-1971 existing norms **(i)** For size 250 ml & below **(ii)** For 500 & above.	R
59.	Labels to contents	R
a.	Detailed Chemical composition	R
b.	Purpose for import / manufacture.	R
c.	Antidote	R
d.	Toxicity triangle	R
e.	Cautionary statement	R
f.	Brief direction concerning usages	R
g.	Restriction if any	R
60.	Leaflets to contain	
a.	Detailed Chemical composition on accompanying leaflets small labels (up to 250 ml size container)	NR
b.	Introductory para about the pesticide	R
c.	Detailed directions concerning usages	NR
d.	Time of application	NR
e.	Application equipment	NR
f.	Waiting Period	NR
g.	Symptoms of poisoning	R
h.	First aid measures	R
i.	Antidote & treatment	R
j.	Restriction, if any	R
k.	Instruction for storage	R
l.	Information regarding disposal of used packages.	R

61.	Type of packaging (pkg material + compatibility with content)	R
62.	Manner of packaging	R
a.	Specification for primary package	R
b.	Specification for secondary packaging.	R
c.	Specification for transport packaging.	R
63.	Manner of labelling	R
64.	Performance of container during storage stability test	R
65.	Transport worthiness test	R

Note: Data requirements of chemical pesticides are also applicable for registration of chemical plant growth regulators.

Abbreviations:

R: Required;

NR: Not Required;

TI: Technical Import

FI-WRT: Formulation Import Without Registering Technical

FIM-WRT: Formulation indigenous manufacturing without Registering Technical

Annexure – 4.1.1

List of Applications u/s 9(3) Export in General category

S.No	Application No.	Name of Applicant	Product Name
1	465096-Export/9(3)2025	Kalyani Industries Limited	Imidacloprid 30 g/l + Bifenthrin 20 g/l EC
2	465095-Export/9(3)2025	Kalyani Industries Limited	Imidacloprid 20 g/l + Bifenthrin 30 g/l EC
3	455412-Export/9(3)2024	PERFECT SOLUTIONS	Chlorantraniliprole 15% + Chlorfenapyr 10% SC
4	459952-Export/9(3)2025	PERFECT SOLUTIONS	Cymoxanil Technical 98% min. for
5	457374-Export/9(3)2024	PERFECT SOLUTIONS	CHLORANTRANILIPROLE 10% + LAMBDA CYHALOTHRIN 5% ZC
6	465046-Export/9(3)2025	Kalyani Industries Limited	Acetamipride 10 g/l + Lambdacyhalothrin 15 g/l EC
7	464346-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Indaziflam Technical 97% w/w min.
8	465094-Export/9(3)2025	Kalyani Industries Limited	ACETAMIPRID 16g/l + BIFENTHRIN 30g/l EC
9	465099-Export/9(3)2025	Kalyani Industries Limited	Acetamiprid 15 g/l + Bifenthrin 30 g/l EC
10	464778-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Fluroxypyr Technical 95% w/w min.
11	464833-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Florasulam 2.5 G/L + Fluroxypyr 100 G/L SE
12	464907-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Thifluzamide Technical 96% w/w min.
13	464909-Export/9(3)2025	GREEN AGROCARE AND POLYMERS PRIVATE LIMITED	TOLFENPYRAD TECHNICAL 98.50% MIN
14	464911-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Tebuconazole 180 G/L + Thifluzamide 90 G/L SC
15	464891-Export/9(3)2025	GREEN AGROCARE AND POLYMERS PRIVATE LIMITED	BENTAZONE TECHNICAL 96.00% MIN
16	464293-Export/9(3)2025	KRISHI RASAYAN EXPORTS PVT. LTD.	Butachlor 275 g/l+Propanil 275 g/l EC
17	464476-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Chlorantraniliprole 100 G/L + Lambda-cyhalothrin 50 G/L ZC
18	464477-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Lambda-cyhalothrin 106 G/L + Thiamethoxam 141 G/L ZC
19	464409-Export/9(3)2025	Dharmaj Crop Guard Limited	Lambda-Cyhalothrin 275 g/L CS
20	464411-Export/9(3)2025	Dharmaj Crop Guard Limited	Pendimethalin 455 g/L CS
21	464412-Export/9(3)2025	Dharmaj Crop Guard Limited	Permethrin 384 g/L EC
22	464415-Export/9(3)2025	Dharmaj Crop Guard Limited	Profenofos 30% + Lambda-Cyhalothrin 1.5% EC
23	465157-Export/9(3)2025	KRISHI RASAYAN EXPORTS PVT. LTD.	Fenoxaprop-P-ethyl technical 97 % w/w min
24	465080-Export/9(3)2025	Meenakshi Agro Chemicals	Flumioxazin 500 g/l SC

25	464902-Export/9(3)2025	M/s Albaugh India Private Limited	Imidacloprid 600 g/l FS
26	464901-Export/9(3)2025	M/s Albaugh India Private Limited	Flumioxazin 500 g/kg WG
27	464898-Export/9(3)2025	M/s Albaugh India Private Limited	Diflufenican 500 g/l SC
28	465084-Export/9(3)2025	Meenakshi Agro Chemicals	Imidacloprid 200 g/L SC
29	465088-Export/9(3)2025	Meenakshi Agro Chemicals	Phenthoate 10 g/kg GR
30	464761-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Kasugamycin Technical 70% w/w min.
31	465351-Export/9(3)2025	Meenakshi Agro Chemicals	Saflufenacil 10 g/l + Glufosinate-ammonium 150 g/l SC
32	465208-Export/9(3)2025	KRISHI RASAYAN EXPORTS PVT. LTD.	Metalaxyl Technical , 97% w/w Min.
33	465196-Export/9(3)2025	KRISHI RASAYAN EXPORTS PVT. LTD.	Pyroxasulfone technical 97 % w/w min
34	465072-Export/9(3)2025	Meenakshi Agro Chemicals	Glufosinate ammonium 150 g/l + Halosulfuron methyl 20 g/l SC
35	465086-Export/9(3)2025	Meenakshi Agro Chemicals	Imidacloprid 100 G/Kg WP
36	465384-Export/9(3)2025	Meenakshi Agro Chemicals	Bifenthrin 50 g/L + Imidacloprid 300 g/L SC
37	465370-Export/9(3)2025	Meenakshi Agro Chemicals	Pyroxasulfone 25 g/l + Glufosinate-ammonium 150 g/l SC
38	465374-Export/9(3)2025	Meenakshi Agro Chemicals	Phenthoate 600 g/L EC
39	465789-Export/9(3)2025	Dharmaj Crop Guard Limited	Fluopyram Technical 94% min.
40	465808-Export/9(3)2025	Dharmaj Crop Guard Limited	Methoxyfenozide Technical 98% min.
41	466015-Export/9(3)2025	GSP Intermediates Private Limited	Propanil Technical 97.00% w/w Min.
42	465701-Export/9(3)2025	Meenakshi Agro Chemicals	Phenthoate 3 + Pymetrozine 2 G/Kg GR
43	465700-Export/9(3)2025	Meenakshi Agro Chemicals	Phenthoate 30 + Imidacloprid 5 g/kg GR
44	465383-Export/9(3)2025	Meenakshi Agro Chemicals	Glufosinate ammonium 150 g/l SL
45	465376-Export/9(3)2025	Meenakshi Agro Chemicals	Pyroxasulfone 500 g/l SC
46	465364-Export/9(3)2025	Meenakshi Agro Chemicals	Saflufenacil 70% w/w WG
47	465349-Export/9(3)2025	Meenakshi Agro Chemicals	Spiromesifen 240 g/l + Pyriproxyfen 100 g/l SC
48	465344-Export/9(3)2025	Meenakshi Agro Chemicals	Propaquizafop 100 g/l + Fomesafen 200 g/l ME
49	465083-Export/9(3)2025	Meenakshi Agro Chemicals	Flumioxazin 20 g/l +Glufosinate-ammonium 150 g/l SC
50	464475-Export/9(3)2025	2022 ES Discovery India Private Limited	Imidacloprid 243.6 g/L + Beta cyfluthrin 121.8 g/L SC
51	466179-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Pinoxaden Technical 97% w/w min.
52	466188-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Pyroxsulam Technical 97% w/w min.
53	466214-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Flufenacet Technical 98% w/w min.
54	466228-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Fludioxonil Technical 98% w/w min.

55	464459-Export/9(3)2025	Agro Life Science Corporation	Butachlor 275 g/l+Propanil 275 g/l EC
56	466303-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Cyantraniliprole 200 G/L SC
57	466307-Export/9(3)2025	TejasRasayan Private Limited	Sulphur 80% WDG
58	466359-Export/9(3)2025	TejasRasayan Private Limited	Sulphur 55.16% SC
59	463785-Export/9(3)2025	Green Land Agri Marketing India Pvt. Ltd	PENDIMETHALIN 33% E.C
60	465396-Export/9(3)2025	Green Land Agri Marketing India Pvt. Ltd	Acetamiprid 70% SP
61	463789-Export/9(3)2025	Green Land Agri Marketing India Pvt. Ltd	Profenofos 30% + Lambdacyhalothrin 1.5% EC
62	466235-Export/9(3)2025	AAVISHKAR INDUSTRIES	Metofluthrin 0.14% + Cypermethrin 0.15% w/w Aerosol
63	457396-Export/9(3)2024	CROPSAFE PESTICIDES INDIA PRIVATE LIMITED	Cyenopyrafen 30% SC
64	462512-Export/9(3)2025	Unikil Pesticides(P)Ltd	Metalaxyl-M 8% + Folpet 64% WP
65	462498-Export/9(3)2025	Unikil Pesticides(P)Ltd	mandipropamid 50 g/kg + Folpet 400 g/kg WG
66	453743-Export/9(3)2024	Unikil Pesticides(P)Ltd	Tembotrione 80 g/ lt + Terbutylazine 320 g/ lt SC
67	462499-Export/9(3)2025	Unikil Pesticides(P)Ltd	Fluopyram 150g/l + Folpet 250g/l SC
68	457390-Export/9(3)2024	CROPSAFE PESTICIDES INDIA PRIVATE LIMITED	Triflumezopyrim 10.6% SC
69	449114-Export/9(3)2024	PERFECT SOLUTIONS	Cyhalofop-butyl 300gl + Ethoxysulfuron 30gl EC
70	466135-Export/9(3)2025	GREEN AGROCARE AND POLYMERS PRIVATE LIMITED	ENDOTHALL (Di Potassium Salt) 40%SL
71	467615-Export/9(3)2025	ShardaCropchem Ltd.	Dinotefuran 35% SL
72	467921-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Clopyralid 23.3 G/L + Fluroxypyr 60 G/L + MCPA 266.7 G/L EC
73	468261-Export/9(3)2025	Cocreate Global technologies private limited	Chlorantraniliprole Technical 93.00% w/w min.
74	467784-Export/9(3)2025	Maxxgro Agrology Limited	Cyantraniliprole Technical 95.00% w/w min.
75	466940-Export/9(3)2025	Baroda Agro Chemicals Limited	Lambda cyhalothrin-50 g/l EC for export only
76	467339-Export/9(3)2025	Aroxa Crop Science Pvt. Ltd.	Bromadiolone 30g/kg DP
77	466091-Export/9(3)2025	YASHNEE AGROCHEMICALS INDIA PRIVATE LIMITED	Karanja Oil Extract 60% W/W
78	468385-Export/9(3)2025	ShardaCropchem Ltd.	Thiamethoxam 0.33% GR
79	468232-Export/9(3)2025	Cocreate Global technologies private limited	Pyroxasulfone Technical 95% w/w min
80	468214-Export/9(3)2025	Cocreate Global technologies private limited	PYMETROZINE TECHNICAL 98% w/w min.
81	465987-Export/9(3)2025	General Crop Science	Lambda-Cyhalothrin 10% + Acetamiprid 30% SC
82	468163-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Quizalofop Ethyl Technical 98.00% w/w Min.

83	468301-Export/9(3)2025	Cocreate Global technologies private limited	DINOTEFURAN TECHNICAL 97.00% Min.
84	465843-Export/9(3)2025	MAHAMAYA LIFESCIENCES LTD.	Kasugamycin 5% (w/w) WP
85	467461-Export/9(3)2025	CROPSAFE PESTICIDES INDIA PRIVATE LIMITED	Ethion 47% EC
86	465849-Export/9(3)2025	General Crop Science	Glufosinate-Ammonium Technical 95% w/w minimum
87	467574-Export/9(3)2025	CROPSAFE PESTICIDES INDIA PRIVATE LIMITED	Cypermethrin 5% E C
88	468252-Export/9(3)2025	Cocreate Global technologies private limited	TEMBOTRIONE TECHNICAL 94.00% W/W MIN.
89	465832-Export/9(3)2025	MAHAMAYA LIFESCIENCES LTD.	Imidacloprid 0.03% (w/w) RB
90	468396-Export/9(3)2025	MAHAMAYA LIFESCIENCES LTD.	Abamectin 1.8% EC w/v
91	465822-Export/9(3)2025	MAHAMAYA LIFESCIENCES LTD.	Diafenthiuron 50% (w/w) WG
92	465824-Export/9(3)2025	MAHAMAYA LIFESCIENCES LTD.	Fluopicolide 5.5% (w/w) + Propamocarb hydrochloride 55.3% (w/w) SC
93	465834-Export/9(3)2025	MAHAMAYA LIFESCIENCES LTD.	Kasugamycin 5% (w/w) SL
94	465996-Export/9(3)2025	General Crop Science	Cyantraniliprole 20% SC
95	464022-Export/9(3)2025	NEW PACK AGRO CHEM	Triafamone 20% w/w + Ethoxysulfuron 10% WG
96	465831-Export/9(3)2025	General Crop Science	Abamectin 5% SC
97	465858-Export/9(3)2025	General Crop Science	Nicosulfuron Technical 98% w/w minimum
98	465991-Export/9(3)2025	General Crop Science	Metalaxyl 15% + Copper Oxychloride 35% WP
99	465994-Export/9(3)2025	General Crop Science	Emamectin Benzoate 10% + Lufenuron 40% WG
100	465998-Export/9(3)2025	General Crop Science	Profenofos 60% + Cypermethrin 10% EC
101	466094-Export/9(3)2025	General Crop Science	Fluopyram 25% + Trifloxystrobin 25% SC
102	466100-Export/9(3)2025	General Crop Science	Lambda-Cyhalothrin 10% + Acetamiprid 3% WG
103	467931-Export/9(3)2025	Maxxgro Agrology Limited	Propargite Technical 90% min. w/w
104	468635-Export/9(3)2025	Cocreate Global technologies private limited	Aluminium Phosphide 57% Tablet
105	468630-Export/9(3)2025	PEPTECH BIOSCIENCES LIMITED	Dimethomorph Technical 96.00%Min. For Import Only
106	468745-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	CYPERMETHRIN 10%+CHLORPYRIPHOS 35% E.C
107	468739-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	PROFENOFOS 50% + CYPERMETHRIN 5% EC
108	468680-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Chlorantraniliprole 100 g/L + Lambda-Cyhalothrin 50 g/L ZC

109	468688-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Alphacypermethrin 150 g/l + Dimethoate 400 g/l EC
110	468696-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Cyazofamid 85 g/L + Cymoxanil 170 g/L
111	468618-Export/9(3)2025	PEPTECH BIOSCIENCES LIMITED	Pyroxasulfone Technical 98.2% w/w min.
112	468679-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Glyphosate 480 g/l S.L.
113	468701-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	2,4-D AMINE SALT 72% SL
114	468699-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	PROFENOFOS 600 g/l + CYPERMETHRIN 120 g/l EC
115	468691-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Emamectin Benzoate 4% + Indoxacarb 16% EC
116	468692-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	kasugamycin 50 g/kg+ Copper oxychloride 750 g/kg WP
117	468677-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Tebuconazole 230 g/L + Pyraclostrobin 115 g/L SC
118	468733-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	COPPER SULPHATE 120 g/l + MANCOZEB 300 g/l WDG
119	468718-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Profenofos 72% E.C.
120	468710-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	ABAMECTIN 1.8 % EC
121	468749-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Carbendazim 500 g/l SL
122	468709-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Clodinafop-propargyl 240 g/l EC
123	468702-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Abamectin 2 g/L + Acetamiprid 3 g/L
124	468509-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Metalaxyl 80 g/kg
125	468698-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Emamectin Benzoate 4.8% + Acetamiprid 6.4% EC
126	468695-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Thiocyclam hydrogen oxalate 50% WP
127	468693-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Chlorothalonil 72% SC
128	468675-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Hymexazol – 320 g/L + Metalaxyl-M – 40 g/L LS
129	468676-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	HEXACONAZOLE 12% SC
130	468690-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Glyphosate 360 g/l S.L.
131	468746-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Mancozeb 60 g/L + Cymoxanil 8 g/L + Dimethomorph 10 g/L
132	468735-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Paraquate Dichloride 20% S.L
133	468704-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Chlorpyriphos 480 g/l E.C.
134	468682-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Mancozeb 80% W.P
135	468678-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	EMAMECTIN BENZOATE 10% E.C
136	468819-Export/9(3)2025	Cocreate Global technologies private limited	Cymoxanil 6% + Mancozeb 70% WP
137	469234-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Bentazone Technical 97% w/w min.
138	469247-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Cyhalofop-butyl Technical 98% w/w min.
139	469259-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Spiromesifen Technical 97% w/w min.

140	469327-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Cyantraniliprole 600 G/L FS
141	469333-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Spiromesifen 240 G/L SC
142	469335-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Penoxsulam 2.7% w/w OD
143	469349-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Sulfoxaflor Technical 96% w/w min.
144	469405-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Cyhalofop-butyl 50 G/L + Penoxsulam 10 G/L OD
145	469535-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Dimethomorph 12% + Pyraclostrobin 6.7% w/w WG
146	469532-Export/9(3)2025	ShardaCropchem Ltd.	Metsulfuron-Methyl 60% WG
147	469182-Export/9(3)2025	ALSC PRIVATE LIMITED	Metribuzin 75% w/w DF
148	469201-Export/9(3)2025	Agro Life Science Corporation	Metribuzin 75% w/w DF
149	469731-Export/9(3)2025	Cocreate Global technologies private limited	Indoxacarb 3% EC
150	469622-Export/9(3)2025	ShardaCropchem Ltd.	Clothianidin 0.25 % WG
151	445651-Export/9(3)2024	MakamAgrochem P. Ltd.	Thiamethoxam 10% WDG
152	469658-Export/9(3)2025	Sikko Industries Ltd.	Difenoconazole 187.5 g/l + Pyraclostrobin 312.5 g/l SC
153	469341-Export/9(3)2025	Sikko Industries Ltd.	Difenoconazole 187.5 g/l + Picoxystrobin 312.5 g/l SC
154	469343-Export/9(3)2025	Sikko Industries Ltd.	Chlorantraniliprole 180 g/l + Emamectin Benzoate 60 g/l SC
155	469795-Export/9(3)2025	Vanguard Kemagro Private Limited	Abamectin 2% + Emamectin Benzoate 2% EC For Manufacture For Export
156	455518-Export/9(3)2024	Advance Agrolife Limited	Cypermethrin 1.2% DP
157	469560-Export/9(3)2025	Sikko Industries Ltd.	Azoxystrobin 296 g/l + Thifluzamide 148 g/l SC
158	469559-Export/9(3)2025	Sikko Industries Ltd.	Chlorfenapyr 285 g/l + Indoxacarb 114 g/l SC
159	469362-Export/9(3)2025	Sikko Industries Ltd.	Alpha Cypermethrin 72 g/l Profenofos 648 g/l EC
160	469563-Export/9(3)2025	Sikko Industries Ltd.	Chlorfenapyr 222 g/l + Tolfenpyrad 222 g/l SC
161	470583-Export/9(3)2025	United Pesticides Laboratory	Oxyflurofen 24% EC W/V
162	464899-Export/9(3)2025	M/s Albaugh India Private Limited	2, 4 - D 2 - Ethylhexyl ester 680 g/l EC (680 g/l as 2,4 - D Acid)
163	469334-Export/9(3)2025	Superform Chemistries Limited	Daminozide Technical (99.00% w/w Min.)
164	469386-Export/9(3)2025	Superform Chemistries Limited	Daminozide 85% SG
165	469673-Export/9(3)2025	Superform Chemistries Limited	Thiram Technical (98.00% w/w Min.)
166	469689-Export/9(3)2025	Superform Chemistries Limited	Acetochlor Technical (95.00% w/w Min.)
167	469735-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Bentazone 480 G/L + Imazamox 22.4 G/L SL
168	469666-Export/9(3)2025	Sikko Industries Ltd.	Cyproconazole 108 g/l + Propiconazole 337.5 g/l SC
169	469531-Export/9(3)2025	MAHAMAYA LIFESCIENCES LTD.	PROFENOFOS TECHNICAL 89.00% W/W MINIMUM

170	469638-Export/9(3)2025	I P L BIOLOGICALS LIMITED	NA
171	468654-Export/9(3)2025	Meenakshi Agro Chemicals	Metalaxyl-M Technical 92.00% w/w Min.
172	469793-Export/9(3)2025	Vanguard Kemagro Private Limited	Imidacloprid 25% + Lambda-Cyhalothrin 10% SC For Manufacture for Export
173	468811-Export/9(3)2025	Sujag Fine Chemicals Pvt. Ltd.	Mandipropamid Technical 93.00% w/w Min.
174	469338-Export/9(3)2025	Sikko Industries Ltd.	Dimethomorph 366 g/l + Pyraclostrobin 183 g/l SC
175	469677-Export/9(3)2025	Sikko Industries Ltd.	Spirotetramat 222 g/l + Thiamethoxam 222 g/l SC
176	469676-Export/9(3)2025	Sikko Industries Ltd.	Imidacloprid 315 g/kg + Thiamethoxam 420 g/kg WG
177	469674-Export/9(3)2025	Sikko Industries Ltd.	Fenoxanil 111 g/l + Isoprothiolane 444 g/l SC
178	469361-Export/9(3)2025	Sikko Industries Ltd.	Nitenpyram 333 g/kg + Pymetrozine 444 g/kg WG
179	469661-Export/9(3)2025	Sikko Industries Ltd.	Fenobucarb 450 g/l + Phenthoate 300 g/l EC
180	469670-Export/9(3)2025	Sikko Industries Ltd.	Cyproconazole 104 g/l + Picoxystrobin 260 g/l SC
181	469351-Export/9(3)2025	Sikko Industries Ltd.	Chlorantraniliprole 133 g/l + Chlorfenapyr 266 g/l SC
182	469672-Export/9(3)2025	Sikko Industries Ltd.	DIMETHOATE 360 g/l + FENOBUCARB 360 g/l EC
183	469665-Export/9(3)2025	Sikko Industries Ltd.	Tebuconazole 277.5 g/l + Tricyclazole 277.5 g/l SC
184	469664-Export/9(3)2025	Sikko Industries Ltd.	Emamectin Benzoate 111 g/kg + Lufenuron 444 g/kg WG
185	469659-Export/9(3)2025	Sikko Industries Ltd.	Kasugamycin 39 g/l + Copper Oxychloride 429 g/l SC
186	469656-Export/9(3)2025	Sikko Industries Ltd.	Acetamiprid 277.5 g/kg + Imidacloprid 277.5 g/kg WP
187	469663-Export/9(3)2025	Sikko Industries Ltd.	Bifenthrin 74 g/l + Imidacloprid 370 g/l SC
188	469371-Export/9(3)2025	Sikko Industries Ltd.	Dinotefuran 240 g/kg + Pymetrozine 480 g/kg WG
189	469564-Export/9(3)2025	Sikko Industries Ltd.	Bifenthrin 222 g/l + Flonicamid 222 g/l SC
190	469348-Export/9(3)2025	Sikko Industries Ltd.	Chlorantraniliprole 364 g/kg + Thiamethoxam 364 g/kg WG
191	469363-Export/9(3)2025	Sikko Industries Ltd.	Azoxystrobin 250 g/l + Fenoxanil 250 g/l SC
192	469369-Export/9(3)2025	Sikko Industries Ltd.	Copper Sulfate Tribasic 414 g/l + Cymoxanil 42 g/l SC
193	468824-Export/9(3)2025	Sikko Industries Ltd.	Prothioconazole 187.5 g/l + Pyraclostrobin 312.5 g/l SC
194	469366-Export/9(3)2025	Sikko Industries Ltd.	Alpha Cypermethrin 36 g/l + Quinalphos 324 g/l EC

195	469339-Export/9(3)2025	Sikko Industries Ltd.	Clothianidin 320 g/kg + Dinotefuran 400 g/kg WG
196	469565-Export/9(3)2025	Sikko Industries Ltd.	Chlorfenapyr 300 g/l + Lufenuron 75 g/l SC
197	468825-Export/9(3)2025	Sikko Industries Ltd.	Alpha Cypermethrin 48 g/l+ Dimethoate 672 g/l EC
198	469358-Export/9(3)2025	Sikko Industries Ltd.	Azoxystrobin 305 g/l + Difenoconazole 183 g/l SC
199	468963-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Chlorantraniliprole Technical 93.00% Min.
200	469251-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	S-Metolachlor Technical 96% w/w min.
201	469329-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Tolfenpyrad Technical 98.50% Min.
202	464024-Export/9(3)2025	NEW PACK AGRO CHEM	Metrafenone 50% SC
203	467272-Export/9(3)2025	YASHNEE AGROCHEMICALS INDIA PRIVATE LIMITED	Permethrin 10% + PiperonylButoxide (PBO) 10% EC (w/w)
204	472661-Export/9(3)2025	PEPTECH BIOSCIENCES LIMITED	Copper Hydroxide Technical 87.6% w/w min. for indigenous manufacture
205	470535-Export/9(3)2025	HINDUSTAN AGRO.	Imidacloprid Technical 97% Min. For Export Only
206	469671-Export/9(3)2025	Sikko Industries Ltd.	Bentazone 460 g/l + MCPA 69 g/l SL
207	470294-Export/9(3)2025	M/s Albaugh India Private Limited	Imazapyr 250 g/l SL
208	470308-Export/9(3)2025	DhanukaAgritech Limited	Propineb Technical 85% w/w min.
209	470544-Export/9(3)2025	HINDUSTAN AGRO.	Thiamethoxam Technical 98% Min. For Export Only
210	464897-Export/9(3)2025	SOLBRITT CHEMSYNTH PRIVATE LIMITED	Bronopol Technical 99% min.
211	469928-Export/9(3)2025	I P L BIOLOGICALS LIMITED	Bacillus subtilis 2.0 % SC
212	470516-Export/9(3)2025	HINDUSTAN AGRO.	Chlorpyriphos Technical 97% Min. For Export Only
213	469325-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Thiamethoxam Technical 97.00% Min.
214	470518-Export/9(3)2025	HINDUSTAN AGRO.	Deltamethrin Technical 98.5% Min. For Export Only
215	470015-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Mesotrione 37.5 G/L + S-metolachlor 375 G/L + Terbuthylazine 125 G/L SE
216	470112-Export/9(3)2025	DhanukaAgritech Limited	Propineb Technical 80% w/w min.
217	468732-Export/9(3)2025	Sydney Formulation And Chemicals.	Profenofos 480 g/l + Dinotefuran 85 g/l EC
218	467462-Export/9(3)2025	CROPSAFE PESTICIDES INDIA PRIVATE LIMITED	Deltamethrin 0.5% DP
219	466136-Export/9(3)2025	GREEN AGROCARE AND POLYMERS PRIVATE LIMITED	ENDOTHALL (N,N-DimethyltetradecylammoniumSalt) 53%SL
220	469962-Export/9(3)2025	Superform Chemistries Limited	Tau-Fluvalinate Technical (93.00% w/w Min.)
221	470460-Export/9(3)2025	BASF INDIA LIMITED	Imazapic 240 g/L SL

222	470498-Export/9(3)2025	Superform Chemistries Limited	Topramezone Technical (97.00% w/w Min.)
223	471490-Export/9(3)2025	DhanukaAgritech Limited	Picoxystrobin Technical 97% w/w min.
224	471362-Export/9(3)2025	ALSC PRIVATE LIMITED	Metribuzin 75% w/w WDG
225	471205-Export/9(3)2025	DhanukaAgritech Limited	Picoxystrobin Technical 93% w/w min.
226	470863-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Bifenthrin 2.8% w/w EC
227	470864-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Pyraclostrobin 23.6% w/w EC
228	470873-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Azoxystrobin 200 G/L + Difenoconazole 125 G/L SC
229	470762-Export/9(3)2025	Cocreate Global technologies private limited	Gibberellic Acid 20 % Tab
230	470405-Export/9(3)2025	Shogun Organics Limited	Transfluthrin technical 98.5% w/w min
231	470463-Export/9(3)2025	KR LIFESCIENCES PRIVATE LIMITED	Carbosulfan Technical (Purity: 92.0% (w/w) Min)
232	469856-Export/9(3)2025	BASF INDIA LIMITED	Alphacypermethrin 10% EC
233	468634-Export/9(3)2025	CROPSAFE PESTICIDES INDIA PRIVATE LIMITED	Epoxiconazole 187 gl + Thiophanate-methyl 310 gl SC
234	471053-Export/9(3)2025	CROPSAFE PESTICIDES INDIA PRIVATE LIMITED	BISPYRIBAC SODIUM 10% EC
235	471492-Export/9(3)2025	KRISHI RASAYAN EXPORTS PVT. LTD.	Thiamethoxam 10% WDG
236	468632-Export/9(3)2025	CROPSAFE PESTICIDES INDIA PRIVATE LIMITED	Azadirachtin 8% EC
237	471165-Export/9(3)2025	CROPSAFE PESTICIDES INDIA PRIVATE LIMITED	Cypermethrin 20% EC
238	467459-Export/9(3)2025	United Chemicals	Ethion 47% EC
239	471052-Export/9(3)2025	CROPSAFE PESTICIDES INDIA PRIVATE LIMITED	GLUFOSINATE AMMONIUM 18.02% SL
240	471406-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Metalaxyl Technical 90% min.
241	471644-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Nicosulfuron Technical 97% w/w Min.
242	471649-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Rimsulfuron Technical 99% w/w Min.
243	471688-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Nicosulfuron 50% + Rimsulfuron 25% WG
244	468625-Export/9(3)2025	CROPSAFE PESTICIDES INDIA PRIVATE LIMITED	Chlorpyrifos 48% EC
245	465742-Export/9(3)2025	United Chemicals	Glyphosate 36% SL
246	471882-Export/9(3)2025	YASHNEE AGROCHEMICALS INDIA PRIVATE LIMITED	Hexythiazox Technical 97% w/w min. for
247	471660-Export/9(3)2025	DhanukaAgritech Limited	Epoxiconazole Technical 97% w/w min.
248	471887-Export/9(3)2025	Willowood Industries Pvt. Ltd.	Thiamethoxam Technical 98.00 % w/w min.
249	471742-Export/9(3)2025	MAHAMAYA LIFESCIENCES LTD.	Pendimethalin Technical 95% w/w Minimum

250	470843-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Boscalid Technical 96.00% w/w min.
251	470847-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Dinotefuran Technical 97.00% Min.
252	470850-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Pymetrozine Technical 98.00% w/w min.
253	471399-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Bifenthrin Technical 92% w/w min.
254	471401-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	ClodinafopPropargyl Technical 93.00% w/w Min.
255	471559-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Profenofos Technical 89% min.
256	471564-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Pyraclostrobin Technical 97.00% w/w min.
257	471569-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Tebuconazole Technical 97.00% min.
258	471562-Export/9(3)2025	YASHNEE AGROCHEMICALS INDIA PRIVATE LIMITED	Spinosad 25% SC
259	471994-Export/9(3)2025	DhanukaAgritech Limited	Clothianidin Technical 98% w/w min.
260	471669-Export/9(3)2025	DhanukaAgritech Limited	Thiacloprid Technical 97.0% w/w min.
261	472013-Export/9(3)2025	DhanukaAgritech Limited	Cyantraniliprole Technical 95% w/w min.
262	470692-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Propaquizafop Technical 91.00% Min.
263	472069-Export/9(3)2025	DhanukaAgritech Limited	Cyfluthrin Technical 90% w/w min.
264	472089-Export/9(3)2025	DhanukaAgritech Limited	Dimethomorph Technical 95.5% w/w min.
265	471190-Export/9(3)2025	MakamAgrochem P. Ltd.	Dimethomorph 23% + Oxine-copper 23% SC
266	471188-Export/9(3)2025	MakamAgrochem P. Ltd.	Dimethomorph 200 g/l + Fluazinam 200 g/l SC
267	471187-Export/9(3)2025	MakamAgrochem P. Ltd.	Fenoxanil 200 g/l + Propiconazole 125 g/l EC
268	471829-Export/9(3)2025	CROPSAFE PESTICIDES INDIA PRIVATE LIMITED	sulphur 65% + zinc 18% WDG
269	472062-Export/9(3)2025	CROPSAFE PESTICIDES INDIA PRIVATE LIMITED	Propanil 360g/l +2,4 D 200g/l EC
270	471825-Export/9(3)2025	CROPSAFE PESTICIDES INDIA PRIVATE LIMITED	Sulphur 720 g/l SC
271	473310-Export/9(3)2025	Agro Life Science Corporation	Lambdacyhalothrin 10% w/v CS
272	472905-Export/9(3)2025	UmiyaAgroes	Profenofos 60% + Cypermethrin 12% EC
273	471977-Export/9(3)2025	PERFECT SOLUTIONS	Copper hydroxide 50 WP
274	471976-Export/9(3)2025	PERFECT SOLUTIONS	Mancozeb 70% + Azoxystrobin 5% WG
275	471975-Export/9(3)2025	PERFECT SOLUTIONS	Oxadiargyl 80% WG
276	471974-Export/9(3)2025	PERFECT SOLUTIONS	Pendimethalin 300 g/l + Clomazone 150 g/l EC

277	471980-Export/9(3)2025	PERFECT SOLUTIONS	2,4-D Amine salt 720 g/l SL
278	471981-Export/9(3)2025	PERFECT SOLUTIONS	oxyfluorfen 240 g/l EC
279	471982-Export/9(3)2025	PERFECT SOLUTIONS	Azoxystrobin 20% + Difenoconazole 12.5% SC
280	471477-Export/9(3)2025	Sydney Formulation And Chemicals.	2,4-D Amine Salt 72% SL
281	472061-Export/9(3)2025	PERFECT SOLUTIONS	Copper Oxychloride 85% WP
282	472221-Export/9(3)2025	KRISHI RASAYAN EXPORTS PVT. LTD.	Acephate technical 97% w/w min
283	471192-Export/9(3)2025	MakamAgrochem P. Ltd.	Azoxystrobin 282 g/l + Metalaxyl-M 108 g/l SC
284	471191-Export/9(3)2025	MakamAgrochem P. Ltd.	Clothianidin 5% + Pymetrozine 25% SC
285	469860-Export/9(3)2025	VSD INDUSTRIES	Glufosinate Ammonium-200 g/l SC For Export Only
286	472989-Export/9(3)2025	Xenon Chem LLP	Tembotrione Technical 96% Min
287	473658-Export/9(3)2025	Cocreate Global technologies private limited	Chlorantraniliprole Technical 96.00% w/w min.
288	473652-Export/9(3)2025	Cocreate Global technologies private limited	Paclobutrazole Technical 95% w/w min.
289	473619-Export/9(3)2025	Cocreate Global technologies private limited	Metribuzin Technical 95% w/w min.
290	474505-Export/9(3)2025	Cocreate Global technologies private limited	Metribuzin Technical 94% w/w min
291	473061-Export/9(3)2025	Sujag Fine Chemicals Pvt. Ltd.	Emamectin Benzoate 50 g/L EC
292	472951-Export/9(3)2025	Sujag Fine Chemicals Pvt. Ltd.	Myclobutanil Technical 95.00% Min.
293	472939-Export/9(3)2025	Sujag Fine Chemicals Pvt. Ltd.	Hexythiazox Technical 97.00% w/w Min.
294	472936-Export/9(3)2025	Sujag Fine Chemicals Pvt. Ltd.	Fluxapyroxad Technical 98.00% w/w Min
295	472934-Export/9(3)2025	Sujag Fine Chemicals Pvt. Ltd.	Brodifacoum Technical 95.00% w/w Min.
296	473220-Export/9(3)2025	Heranba Organics Private Limited	Malathion 57% w/w EC
297	473219-Export/9(3)2025	Heranba Organics Private Limited	ClodinafopPropargyl 8% EC
298	473216-Export/9(3)2025	Heranba Organics Private Limited	Pendimethalin 50% w/w EC
299	471519-Export/9(3)2025	Nissan Bharat Rasayan Private Limited	Iptriazopyrid Technical 97 % min
300	471541-Export/9(3)2025	Cocreate Global technologies private limited	Deltamethrin Technical 98% w/w min. for indigenous manufacture
301	470394-Export/9(3)2025	M/s Albaugh India Private Limited	TriclopyrButoxyethyl Ester (Containing Triclopyr 600 g/l) 834 g/l EC
302	470392-Export/9(3)2025	M/s Albaugh India Private Limited	2,4-D (Present as Dimethylamine and Diethanolamine Salt) Acid 625 g/L SL
303	469495-Export/9(3)2025	VSD INDUSTRIES	Chlorantraniliprole-20% SC For Export Only

304	470165-Export/9(3)2025	VSD INDUSTRIES	Spinosad-480 g/l SC For Export Only
305	471928-Export/9(3)2025	Battle Force Facilities Private Limited	Spinosad 0.81% Gel
306	470170-Export/9(3)2025	VSD INDUSTRIES	Thiamethoxam-24% SC For Export Only
307	469491-Export/9(3)2025	VSD INDUSTRIES	Neem Extract Concentrates Containing Azadirachtin 5% w/w min. for export only
308	470079-Export/9(3)2025	VSD INDUSTRIES	Pendimethalin-45.5% C.S. For Export Only
309	469842-Export/9(3)2025	VSD INDUSTRIES	Deltamethrin-10%EC For Export Only
310	469858-Export/9(3)2025	VSD INDUSTRIES	Fosetyl-Al-80%W.P. For Export Only
311	472922-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Thiencarbazone-methyl Technical 98% w/w Min.
312	472922-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Thiencarbazone-methyl Technical 98% w/w Min.
313	467345-Export/9(3)2025	MakamAgrochem P. Ltd.	Glyphosate 41% w/v S.L.
314	467345-Export/9(3)2025	MakamAgrochem P. Ltd.	Glyphosate 41% w/v S.L.
315	473112-Export/9(3)2025	Agrich Crop Science Pvt Ltd	Mancozeb 80% WP
316	473214-Export/9(3)2025	Meenakshi Agro Chemicals	Pendimethalin 440 g/L EC
317	475879-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Metalaxyl 35% w/w WP
318	465492-Export/9(3)2025	MAHAMAYA LIFESCIENCES LTD.	Folpet 500 g/l SC
319	470372-Export/9(3)2025	Multi plexAgricarePvt. Ltd.,	BRONOPOL 10% WP FORMULATION
320	470401-Export/9(3)2025	Multi plexAgricarePvt. Ltd.,	BRONOPOL 27% SP FORMULATION
321	470399-Export/9(3)2025	Multi plexAgricarePvt. Ltd.,	BRONOPOL 40% SL FORMULATION
322	470396-Export/9(3)2025	Multi plexAgricarePvt. Ltd.,	BRONOPOL TECHNICAL 99% W/W Min.
323	459675-Export/9(3)2025	2022 ES Discovery India Private Limited	deltamethrin 5 + S-Bioallethrin 7.5 + piperonylbutoxide 100 g/l EC
324	465480-Export/9(3)2025	MAHAMAYA LIFESCIENCES LTD.	Folpet 80% WP
325	459666-Export/9(3)2025	2022 ES Discovery India Private Limited	S-Bioallethrin 7.2 + permethrin 173.1 + piperonylbutoxide 155.9 g/l EC
326	473531-Export/9(3)2025	KRISHI RASAYAN EXPORTS PVT. LTD.	Lambdacyhalothrin technical 97% w/w min
327	469961-Export/9(3)2025	PUNJAB CHEMICALS AND CROP PROTECTION LIMITED	Benfuresate Technical 98.00% w/w Minimum
328	472900-Export/9(3)2025	FORWARD CROP PROTECTION PVT. LTD.	Fipronil 20% SC
329	476691-Export/9(3)2025	Indofil Industries Limited	Acetamiprid 50 g/L + Emamectin benzoate 20 g/L EC (Acema 70 EC)
330	472040-Export/9(3)2025	I P L BIOLOGICALS LIMITED	Ampelomycesquisqualis 5.0 % SP
331	473400-Export/9(3)2025	I P L BIOLOGICALS LIMITED	Trichodermaviride 5 % SP

332	471619-Export/9(3)2025	I P L BIOLOGICALS LIMITED	Verticilliumlecanii 2% SC
333	470714-Export/9(3)2025	I P L BIOLOGICALS LIMITED	Metarhiziumanisopliae 2 % SC
334	473482-Export/9(3)2025	I P L BIOLOGICALS LIMITED	Pseudomonas fluorescens 5.0 % SP
335	470553-Export/9(3)2025	I P L BIOLOGICALS LIMITED	Beauveriabassiana 2 % SC
336	476671-Export/9(3)2025	Indofil Industries Limited	Acetamiprid 30 g/L + Lambda cyhalothrin 30 g/L EC (Acetamiprid + Lambda 60 EC)

Annexure -4.1.2

List of applications in Star Export Category (Ex-Post Facto)

Sr No.	Application No.	Company Name	Product Name	Remarks
1	469373-Export/9(3)2025	JU AGRI SCIENCES PRIVATE LIMITED	Emamectin Benzoate 5%(50g/kg) + Lufenuron 40% (400g/kg) WG	Satisfactory
2	469243-Export/9(3)2025	JU AGRI SCIENCES PRIVATE LIMITED	Atrazine 20% (200 g/l) + Mesotrione 7% (70 g/l) + Nicosulfuron 3% (30 g/l) w/v OD	Satisfactory
3	469824-Export/9(3)2025	India Pesticides Limited	Carbendazim Technical 98% w/w Min. For Manufacture For Export	Satisfactory
4	470042-Export/9(3)2025	UPL Limited	Saflufenacil 700 g/Kg WG	Satisfactory
5	470360-Export/9(3)2025	ACT Agro-Chem Pvt Ltd.	PYRACLOSTROBIN 6.7% + DIMETHOMORPH 12% WG	Satisfactory
6	470416-Export/9(3)2025	ACT Agro-Chem Pvt Ltd.	Bromadiolone 0.25% WP	Satisfactory
7	470584-Export/9(3)2025	ACT Agro-Chem Pvt Ltd.	Emamectin Benzoate 12% EC	Satisfactory
8	472048-Export/9(3)2025	AIMCO PESTICIDES LIMITED	Chlorpyrifos 48.00% EC w/v	Satisfactory
9	472660-Export/9(3)2025	NACL Industries Limited	Lambda Cyhalothrin Technical	Satisfactory
10	474002-Export/9(3)2025	OmkarAgri Global Pvt Ltd	Metalaxyl 35% SC	Satisfactory
11	473728-Export/9(3)2025	ADD VALUE AGENCIES	Fipronil Technical 97% w/w min.	Satisfactory
12	474038-Export/9(3)2025	GSP Crop Science Limited	Chlorpyrifos 5% GR	Satisfactory
13	473920-Export/9(3)2025	DeccanFine Chemicals (India) Private Limited,	Difenoconazole Technical 94.00% w/w Min.	Satisfactory
14	473992-Export/9(3)2025	JU AGRI SCIENCES PRIVATE LIMITED	Thiophanate Methyl Technical 96% w/w Mininum	Satisfactory
15	474093-Export/9(3)2025	BR Agrotech ltd	Cypermethrin 3% + Bifenthrin 2% EC (W/V)	Satisfactory
16	473870-Export/9(3)2025	Agro Chem International	Fipronil Technical 97% w/w min.	Satisfactory
17	471068-Export/9(3)2025	Atul Limited	Pyroxsulam Technical 96.5% Min.	Satisfactory
18	474501-Export/9(3)2025	Meghmani Industries Limited	Pendimethalin 44.00% w/w EC	Satisfactory
19	474513-Export/9(3)2025	UPL Limited	Glufosinate-P-ammonium 267 g/L SL	Satisfactory
20	474644-Export/9(3)2025	BETRUST INDUSTRIES PRIVATE LIMITED	Pyriproxyfen 11% w/w SC	Satisfactory
21	475003-Export/9(3)2025	OmkarAgri Global Pvt Ltd	Lambda cyhalothrin Technical 97% min.	Satisfactory
22	474728-Export/9(3)2025	Bharat Rasayan Ltd	Chlorantraniliprole Technical 95.30% w/w min	Satisfactory

23	475040-Export/9(3)2025	Heranba Industries Limited	Cypermethrin 3.00% + Bifenthrin 2.00% w/w EC	Satisfactory
24	475144-Export/9(3)2025	CHEMINOVA INDIA LIMITED	Bixlozone 7% w/w + Isoproturon 35% w/w WG	Satisfactory
25	475203-Export/9(3)2025	M/s Parijat Industries (India) Ltd	Chlorantraniliprole 10% + Lambda cyhalothrin 5% w/v ZC	Satisfactory
26	472133-Export/9(3)2025	Astec LifeSciences Limited	Imazethapyr Technical 98.5% Min.	Satisfactory
27	475318-Export/9(3)2025	Agrow Allied Ventures Private Limited	Lambdacyhalothrin 7.5%+ Emamectin Benzoate 2.5% EC	Satisfactory
28	475307-Export/9(3)2025	Agrow Allied Ventures Private Limited	Lambdacyhalothrin 10%+ Imidacloprid 25% SC	Satisfactory
29	475347-Export/9(3)2025	JU AGRI SCIENCES PRIVATE LIMITED	Oxyflourfen 23.5% E.C (w/w)	Satisfactory
30	463739-Export/9(3)2025	M/s Parijat Industries (India) Ltd	Prothioconazole 125 g/l + Flutriafol 125 g/l SC	Satisfactory
31	470440-Export/9(3)2025	M/s Parijat Industries (India) Ltd	Clodinafop-propargyl 12.0 % w/v EC	Satisfactory
32	475374-Export/9(3)2025	Anu Products Limited	Cypermethrin Technical 93% Min.	Satisfactory
33	475503-Export/9(3)2025	OmkarAgri Global Pvt Ltd	Ethephon 50 g/kg Paste	Satisfactory
34	475409-Export/9(3)2025	Dharmaj Crop Guard Limited	Prodiamine Technical 90.00% w/w Min.	Satisfactory
35	475717-Export/9(3)2025	HemaniIndustries Ltd.,	Spiromesifen Technical 96.5% w/w Min.	Satisfactory
36	475694-Export/9(3)2025	Heranba Industries Limited	Deltamethrin 10% w/v SC	Satisfactory
37	474514-Export/9(3)2025	Coromandel International Limited	Tembotrione Technical 985 g/kg	Satisfactory
38	474788-Export/9(3)2025	Coromandel International Limited	Acephate 97% SG	Satisfactory
39	474697-Export/9(3)2025	Synergia Sciences Private Limited	Dimefluthrin 10% w/w EC	Satisfactory
40	475960-Export/9(3)2025	JU AGRI SCIENCES PRIVATE LIMITED	Spirotetramat 100 g/l SC	Satisfactory
41	475946-Export/9(3)2025	JU AGRI SCIENCES PRIVATE LIMITED	Dinotefuran Technical 99.10 % w/w minimum	Satisfactory
42	475739-Export/9(3)2025	JU AGRI SCIENCES PRIVATE LIMITED	Tebuconazole Technical 97% w/w Minimum	Satisfactory
43	476240-Export/9(3)2025	NACL Industries Limited	Glufosinate Ammonium Technical 97% w/w Min.	Satisfactory
44	475897-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Thiamethoxam Technical 96% w/w Min	Satisfactory
45	475863-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Alpha Cypermethrin Technical 97% w/w Min.	Satisfactory
46	475376-Export/9(3)2025	Bharat Rasayan Ltd	Indoxacarb Technical Concentrate (TK)	Satisfactory
47	475678-Export/9(3)2025	Godrej Consumer Products ltd.	RENOFLUTHRIN 0.1% W/W MOSQUITO COIL	Satisfactory
48	475645-Export/9(3)2025	Godrej Consumer Products ltd.	Imidacloprid 2.15% w/w Gel	Satisfactory

49	475886-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Propanil Technical 97% w/w Min	Satisfactory
50	475885-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	PROFENOFOS TECHNICAL 95% w/w MIN.	Satisfactory
51	475883-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Permethrin Technical 93% w/w Min	Satisfactory
52	475880-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Metalaxyl Technical 97% w/w Min.	Satisfactory
53	475876-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Mancozeb 80% w/w WP	Satisfactory
54	475884-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Phenthoate Technical 92% w/w Min.	Satisfactory
55	475872-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Hexaconazole Technical 92% w/w Min	Satisfactory
56	475867-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Deltamethrin Technical 98% w/w Min	Satisfactory
57	475881-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Permethrin 50% w/v EC	Satisfactory
58	475870-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Fenvalerate Technical 93% w/w Min.	Satisfactory
59	475865-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Cypermethrin Technical 93% w/w Min.	Satisfactory
60	475864-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Copper Oxychloride Technical 98% w/w Min.	Satisfactory
61	475873-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	LAMBDA CYHALOTHRIN Technical 96% w/w Min.	Satisfactory
62	475891-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Quinalphos Technical 70% w/w Min.	Satisfactory
63	476438-Export/9(3)2025	OmkarAgri Global Pvt Ltd	Difenoconazole 250 g/l + Kresoxim methyl 100 g/l EC	Satisfactory
64	476377-Export/9(3)2025	OmkarAgri Global Pvt Ltd	Propiconazole 200 g/l + Tebuconazole 200 g/l EC	Satisfactory
65	476322-Export/9(3)2025	OmkarAgri Global Pvt Ltd	Imidacloprid 300 g/l + Lambdacyhalothrin 100 g/l EC	Satisfactory
66	476635-Export/9(3)2025	IndogulfCropsciences Limited	LAMBDACYHALOTHRIN 26.3% CS W/V	Satisfactory
67	476614-Export/9(3)2025	Dharmaj Crop Guard Limited	Alpha-cypermethrin 3% + Chlorpyriphos 30% EC	Satisfactory
68	476792-Export/9(3)2025	ArystaLifeScience India Limited	Alpha-Cypermethrin 200 g/L SC	Satisfactory
69	476863-Export/9(3)2025	BR Agrotech ltd	Acetamiprid 2% + Imidacloprid 2% + Bifenthrin 2% EC (w/v)	Satisfactory
70	476909-Export/9(3)2025	Rallis India Limited	CUPROUS OXIDE 60% + METALAXYL-M 6% WP	Satisfactory
71	474539-Export/9(3)2025	HemaniIndustries Ltd.,	PYRIPROXYFEN TECHNICAL 97.00% W/W MIN.	Satisfactory
72	475990-Export/9(3)2025	GSP Crop Science Limited	Acephate 97% SG	Satisfactory

Annexure-4.1.3

List of applications in Fast Track Category(Ex-Post Facto)

S. No	Application No	Name of Applicant	Product Name	Export/Import Details	Category	Remarks
1	471820-Export/9(3)2025	VSD INDUSTRIES	Dimethomorph-50% + Cymoxanil-20%WG	**Product to be exported:** Dimethomorph-50% + Cymoxanil-20%WG **Export to:** AP Agro & Trade Ltd., Accra, Ghana **Quantity to be exported**: 8000 Kilograms.	Manufacture for Export only	Satisfactory
2	472272-Export/9(3)2025	Agrow Allied Ventures Private Limited	Chlorantraniliprole Technical 97% Min	**Product to be imported:**Chlorantraniliprole Technical 97% Min **Source of Import:** M/s CHONGQING HUAGE BIOCHEMISTRY CO., LTD District office of Longdu(Salt Chemical Industry Park), Wanzhou District, Chongquing city. **Supplier of Import:** M/s FJ AGROCHEMICALS CO., LTD. Room 1113, No. 30, Lane 2419, Hunan road, Pudong, District, Shanghai P.R. China **Quantity to be imported**:15 MT	Import for export	Satisfactory

				Product to be exported: Chlorantraniliprole 20% SC **Quantity to be exported:** 75000 Litres **Export to**: 1. AmerAdilMajeed Al Bayyah (Iraq-Baghdad) 40000 Litres 2. EstablissementsMandenParestation (Conakry) 35000 Liter. (Total=75000 Litres)		
3	472420-Export/9(3)2025	UPL Limited	Picloram Technical (95.00% w/w Min.)	**Product to be imported:**Picloram Technical (95.00% w/w Min.) **Source of Import/manufacturer**: Hunan Bide Biochemical Technology Co., Ltd. Ruxi Chemical Industry Zone, Linxiang, Yueyang, Hunan, China. **Supplier:** Same as Manufacturer Quantity to be imported: 2050.5 KG. **Product to be exported:** 2,4-D Acid 318 g/kg + Picloram 96 g/kg + Metsulfuron methyl 45 g/kg WG **Export to**:: UPL Paraguay S.A RUC: 80072946-3 Direccion: EdificioParaqvaria I - 5to Piso.	Import for Export	Satisfactory

				Supercarretera, Hernandarias, Paraguay **Quantity to be exported:** 19000 KG.		
4	473258-Export/9(3)2025	UPL Limited	Acetamiprid Technical (99.00% w/w Min.)	**Product to be imported:**Acetamiprid Technical (99.00% w/w Min.) **Source of Import/manufacturer**: RudongHuaSheng Chemical Co., Ltd. Yangkou Chemical Industrial Park, Yanhai Economic Development Zone, Rudong, Jiangsu, China. **Supplier:**Nanjing Bangnong Chemicals Co., Ltd. Room 1320-1322, Hai Xin Business Center, No. 367 Erbanqiao Road, Gulou District, Nanjing City, Jiangsu province, China. **Quantity to be imported:** 125 Kg **Product to be exported:**Chlorantraniliprole 100 g/L + Acetamiprid 200 g/L SC **Export to**: MAXCARIBE S.R.L CedulaJuridica: E1-24-00998-7 Direccion: AUT. Dr. Joaquin Balaguer Km 1 Guzm Santiago Rep Dominicana T	Import for Export	Satisfactory

				Quantity to be exported: 600 L.		
5	473268-Export/9(3)2025	UPL Limited	Acetamiprid Technical (99.00% w/w Min.)	**Product to be imported:**Acetamiprid Technical (99.00% w/w Min.) **Source of Import/manufacturer**: RudongHuaSheng Chemical Co., Ltd. Yangkou Chemical Industrial Park, Yanhai Economic Development Zone, Rudong, Jiangsu, China. **Supplier:**Nanjing Bangnong Chemicals Co., Ltd. Room 1320-1322, Hai Xin Business Center, No. 367 Erbanqiao Road, Gulou District, Nanjing City, Jiangsu province, China. **Quantity to be imported:** 167 Kg **Product to be exported:**Chlorantraniliprole 100 g/L + Acetamiprid 200 g/L SC **Export to**: OyM BPO Multiservicios, S.A. Pista Jean Paul Genie Edificioprimero modulo 4 Managua Nicaragua. **Quantity to be exported:** 800 L.	Import for Export	Satisfactory
6	473273-Export/9(3)2025	UPL Limited	Acetamiprid Technical (99.00% w/w Min.)	**Product to be imported:**Acetamiprid	Import for Export	Satisfactory

				Technical (99.00% w/w Min.) **Source of Import/manufacturer**: RudongHuaSheng Chemical Co., Ltd. Yangkou Chemical Industria Park, Yanhai Economic Development Zone, Rudong, Jiangsu, China. **Supplier:**Nanjing Bangnong Chemicals Co., Ltd. Room 1320-1322, Hai Xin Business Center, No. 367 Erbanqiao Road, Gulou District, Nanjing City, Jiangsu province, China. **Quantity to be imported:** 1044.4 KG. **Product to be exported:**Chlorantraniliprole 100 g/L + Acetamiprid 200 g/L SC **Export to**: UPL Agro, S.A. de C.V. Av. Gabriel Mancera No. 1815-402 Col. Del Valle, Benito Juárez 03100 Ciudad de México, México. RFC: UPM940315SH3. **Quantity to be exported:** 5000 L.		
7	473657-Export/9(3)2025	Troy Chemical India Private Limited	Biocide containing IPBC (3- Iodo-2-propynyl butyl carbamate) 40% Liquid	**Product to be exported:** Biocide containing IPBC (3-Iodo-2-propynyl butyl carbamate) 40% Liquid	Manufacture for Export only	Satisfactory

				Export to: Troy Siam Company Limited, 242 SOI CHALONGKRUNG 31 LADKRABANG INDUSTRIAL ESTATE LAMPLATIEW, LADKRABANG, BANGKOK 10520, Thailand **Quantity to be exported:** 64800 kg		
8	474041-Export/9(3)2025	UPL Limited	Isoxaflutole Technical (97.20% w/w Min.)	**Product to be imported:** Isoxaflutole Technical 97.20% w/w minimum **Source of Import/Manufacturer :** Anhui Neotec Co. Ltd. No.8 HuaYin Road, Anhui Huaibei New Coal Chemical Industry And Synthetic Materials Base, Huaibei City Anhui China. **Name and Address of supplier:** Zhejiang Corechem Co, Ltd., No. 1388, Biangai Road Xietang Town, ShangyuDistrict,Shaoxing City ,Zhejiang Province 312369,P.R. China. **Quantity to be imported**: 7818.40 KG , **Product to be exported**: Isoxaflutole 125 g/Kg + Hexazinone 125 g/Kg + Sulfentrazone 500 g/Kg WG **Export to**: UPL DO BRAZIL INDUSTRIA	Import for Export	Satisfactory

				E COMERCIO DE INSUMOS AGROPECUARIOS ; S.A. CNPJ;02,974.733/0003 -14 Avenida Maeda, s/n Distrito Industrial Ituverava/SP CEP: 14500-000 BRAZIL **Quantity to be exported:** 57600 KG		
9	474486-Export/9(3)2025	ADAMA India Pvt. Ltd.	Pyroxasulfone Technical 86 % w/w min.	**Product to be imported:**Pyroxasulfone Technical 86 % w/w min. **Source of Import (Manufacturer):**ADAMA AGAN LTD P.O.B 262. Ashdod 7710201, Israel. **Supplier**: Same as Manufacturer. **Quantity to be imported:** 14,830 KGS **Product to be exported:** PYROXASULFONE 850 WG **Name of the Firm/Agency in exporting country**: AdamaAgan Ltd. Ha-Ashlag Northern Industrial Zone Ashdod 7710201 Israel **Quantity to be exported**: 15,000.00 kgs	Import for Export	Satisfactory
10	474533-Export/9(3)2025	Parijat Industries (India) Limited	Fluroxypyr - Meptyl Technical 95% Min.	**Product to be imported:** Fluroxypyr -Meptyl Technical 95% w/w Min. **Source of Import/ Manufacturer:** M/S.A	Import for Export	Satisfactory

				NHUI FENGLE AGROCHEMICAL CO. LTD. ADDRESS: HEFEI CIRCULAR ECONOMY, DEMONSTRATION PARK, FEIDONG COUNTY, HEFEI ANHUI, CHINA. **Name and Address of supplier:** M/S.NANJING BODAO LOGISTICS CO. LTD. ADDRESS: B#35 NO. 420 WANGXIN ROAD, LUHE DISTRICT, NANJING CHINA **Quantity to be imported**: **6581 Kg** **Product to be Exported-** Fluroxypyr 20 % EC. **Export to**: GEMINI AGRICULTURE LTD., 71-75 SHELTON STREET, CONVENT GARDEN LONDON **Quantity to be exported: 21560/ Liters**		
11	474520-Export/9(3)2025	Parijat Industries (India) Limited	Fluroxypyr-Meptyl Technical 95.00% Min	**Product to be imported:**Fluroxypyr-Meptyl Technical 95.00% Min **Source of Import (Manufacturer):** M/S.ANHUI FENGLE AGROCHEMICAL CO. LTD. ADDRESS: HEFEI CIRCULAR ECONOMY, DEMONSTRATION PARK, FEIDONG COUNTY, HEFEI ANHUI, CHINA.	Import for Export	Satisfactory

				Supplier: M/S.NANJING BODAO LOGISTICS CO. LTD. ADDRESS: B#35 NO. 420 WANGXIN ROAD, LUHE DISTRICT, NANJING CHINA. **Quantity to be imported:** 6670 kg. **Name of Product to be exported:**FluroxypyrMeptyl 480 g/l EC **Export to**: LA FORJA S.A - RUTA NACIONAL, N° 101-KM 24 500 CANELONES-URUGUAY- CP 91001 **Quantity to be exported:** 13200.00 Litres		
12	**474601-Export/9(3)2025**	PEPTECH BIOSCIENCES LIMITED,	Gibberellic acid 18.5 + 6-Benzyl Adenine 18.8 g/L	**Product to be Exported-:** Gibberellic acid 1.8% + 6-Benzyl Adenine l.8%L **Export to**: Mimar Sinan Cad. no: 67 kat:3, PK: 34782 Cekmekoy, Istanbul, Turkiye **Quantity to be exported: 4000 L**	Manufacture for Export Only	Satisfactory
13	472132-Export/9(3)2025	SML Limited	Tebuconazole Technical 97.00% Min.	**Product to be imported:** Tebuconazole Technical 97.00% Min. **Source of Import/manufacturer**: M/s. JIANGSU SEVENCONTINENT GREEN CHEMICAL CO., LTD. NORTH	Import for Export	Satisfactory

				AREA OF DONGSHA CHEM-ZONE, ZHANGJIAGANG, JIANGSU 215600, CHINA **Supplier:** Same as Manufacturer **Quantity to be imported:** 24000 Kilograms **Product to be exported:**Tebuconazole 25% WG. **Export to**: M/s Nufarm Italia Srl Via Guelfa, 5 Bologna, 40138 Italy **Quantity to be exported:** 93120 Kilograms		
14	469522-Export/9(3)2025	KRISHI RASAYAN EXPORTS PVT. LTD.	Profenofos 40%+ Lambdacyhalothrin 5% EC	**Product to be exported**: Profenofos 40%+ Lambdacyhalothrin 5% EC **Export to**: ElwanAfriquiya Company, Ghasar BIN Ghashir, Tripoli-Libya. P.O Box: 3150. VAT No.(TAX ID): 15-73136, Libya **Quantity to be exported:** 15000 litres	Manufacture for Export	Satisfactory
15	470299-Export/9(3)2025	JU AGRI SCIENCES PRIVATE LIMITED	Emamectin Benzoate 5%(50g/kg) + Lufenuron 40% (400g/kg) WG	**Product to be imported:** Emamectin Benzoate 5% (50g/kg) + Lufenuron 40% (400g/kg) WG. **Source of Import-Manufacturer:** Zhejiang Zhongshan Chemical Industry Group Company	Import for Export	Satisfactory

				Limited, Zhongshan, Xiaopu, Changxing, Zhejiang, China **Supplier Name:** High Hope Zhongtian Corporation, 15 Hubu Street, Nanjing, China **Quantity of Import:** 20000 kg **Product to be exported:**Emamectin Benzoate 5% (50g/kg) + Lufenuron 40% (400g/kg) WG **Export to**: Synergy Seeds Zambia Limited, Plot 5255 Mukwa Road, Heavy Industrial Area. Lusaka-Zambia **Quantity to be exported:** 20000 kg.		
16	470402-Export/9(3)2025	JU AGRI SCIENCES PRIVATE LIMITED	Atrazine 20% (200 g/l) + Mesotrione 7% (70 g/l) + Nicosulfuron 3% (30 g/l) w/v OD	**Product to be imported:** Atrazine 20% (200 g/l) + Mesotrione 7% (70 g/l) + Nicosulfuron 3% (30 g/l) w/v OD **Source of Import-Manufacturer:** SHANDONG QIAOCHANG MODERN AGRICULTURE COMPANY LIMITED, South of Yongxin Road, Southeast of Qinhuangtai, Bincheng District, Binzhou City, Shandong Province, 256600, China **Supplier Name:** High Hope Zhongtian	Import for Export	Satisfactory

				Corporation, 15 Hubu Street, Nanjing, China **Quantity of Import:** 30000 litre **Product to be exported:** Atrazine 20% + Mesotrione 7% + Nicosulfuron 3% OD. **Export to**: Synergy Seeds Zambia Limited, Plot 5255 Mukwa Road, Heavy Industrial Area. Lusaka-Zambia **Quantity to be exported:** 30000 litres		
17	468421-Export/9(3)2025	2022 ES Discovery India Private Limited	Piperonylbutoxide Technical	**Product to be imported:**Piperonylbutoxide technical 92.0% w/w min. **Source of Import/manufacturer**: EnduraS.p.A. Italy Via Baiona 107/111, 48123 Ravenna, Italy. **Supplier:**1. EnduraS.p.A. Italy VialePietramellara 5, 40121, Bologna, Italy 2. EnduraS.p.A. Italy Via Baiona, 107/111, 48123 Ravenna, Italy **Quantity to be imported:** 7000 liters. **Product to be exported:** Deltamethrin + Piperonylbutoxide 60 UL) (6+54 g/L) and Deltamethrin + Piperonylbutoxide 250 EC (25+225 g/L)	Import for Export	Satisfactory

				Export to: M/S 2022 Environmental Science Fr Sas, 1, Place Giovanni Da Verrazzano 69009, Lyon, France. Deltamethrin + Piperonylbutoxide 250 EC (25+225 g/L) and Deltamethrin + Piperonylbutoxide 60 UL (6+54 g/L) **Quantity to be exported:** 96000 liters (90000 litres of Deltamethrin + Piperonylbutoxide 60 UL) (6+54 g/L) and 6000 litres of Deltamethrin + Piperonylbutoxide 250 EC (25+225 g/L)		
18	472661-Export/9(3)2025	PEPTECH BIOSCIENCES LIMITED	Copper Hydroxide Technical 87.6% w/w min.	**Product to be exported:**Copper Hydroxide Technical 87.6% W/W Min. **Export to**: AGRIZEL BV, GHAZIR MAIN ROAD, 1733 CENTER GROUND FLOOR, KESERWAN-LEBANON KESERWAN 1733 LEBANON **Quantity to be exported:** 3000 kg.	Manufacture for Export only	Satisfactory
19	473455-Export/9(3)2025	Ichiban Crop Science Limited	Spirotetramat Technical 97% min.	**Name of Product to be imported:**Spirotetramat Technical 97% w/w min **Source of Import/Manufacturer :** Shandong Huimeng bio-tech CO.,Itd. (add: east of Deshang road, Chengwu chemical	Import for Export	Satisfactory

				industrial park, Heze city, Shandong province china.274200) **Supplier:** FJ agrochemicals co., Itd. (add:Room1113, No.30,lane 2419, Hunan road, Pudong district, shanghai P.R.China **Quantity to be imported:**2TON **Name of Product to be exported:**Spirotetramat 15.31 % OD **Quantity to be exported:** 12000.00 kg **Export to**: GULF CLOUD INTERNAT!ONAL LLC P.O. BOX 60390. Muscat Oman		
20	474528-Export/9(3)2025	Zobele India Private Limited	Pyrethrum 0.5 w/w LV	**Product to be imported:** Pyrethrum Technical 50% min. **Source of Import/Manufacturer: Botanical Resources Australia** TY Ltd, Industrial Drive UIverstone TAS 7315, Australia. **Name and Address of supplier: Botanical Resources Australia** TY Ltd, Industrial Drive UIverstone TAS 7315, Australia. **Quantity to be imported**: **25 KG ,** **Product to be exported**: Formulation	Import for Export	Satisfactory

				Pyrethrum 0.5% w/w LV) **Export to:** Reckitt Benckiser (Hygiene Home)Australia PTY. Ltd., L47/680 George St. Sydney, NSW 2000, Australia **Quantity to be exported:** 2374 KG		
21	474580-Export/9(3)2025	UPL Limited	Daminozide Technical (99.00% w/w Min.)	**Product to be imported: - Daminozide Technical (99.00% w/w Min.)** **Source of Import/Manufacturer :** Xi'an Aerospace Propulsion Testing Technique Institute, No.165 Institute Building, No. 289, Hangtian West Road, Aerospace Base, Xi'an City, Shaanxi Province. **Name and Address of supplier: Xi'an Hangyuan Industrial Limited. Room 601, 6 Floor, Building A, Midwest Inland Port Financial Town, No.99, Gangwu Avenue, Xi'an, China.** **Quantity to be imported**: **3483.7 KG** **Product to be exported**: **Daminozide 850g/kg.** **Export to: UPL NA INC. C/O ACCESS DISTRIBUTION 789 DONNYBROOK DRIVE DORCHESTER ON NOL 1G5 CANADA.**	Import for Export	Satisfactory

				Quantity to be exported: 3950 Kg		
22	475047-Export/9(3)2025	2022 ES Discovery India Private Limited	Coumatetralyl Technical 90% w/w min.	**Product to be imported: Coumatetralyl Technical 90% w/w min.** **Source of Import/Manufacturer :** M/s AlzchemTrostberg GmbH, Dr. Albert-Frank-Str. 32, 83308 Trostberg Germany **Supplier: 2022 Environmental Science FR S.A.S., 1, Place Giovanni Da Verrazzano, 69009, Lyon, France** **Quantity to be imported: 8200 kg** **Product to be exported:** Coumatetralyl 40% TK **Exporting to**: PT Discovery Environmental Science Indonesia. **Quantity to be exported: 18000 kg**	Import for Export	Satisfactory
23	475153-Export/9(3)2025	UPL Limited	Daminozide Technical (99.00% w/w Min.)	**Product to be imported: - Daminozide Technical (99.00% w/w Min.)** **Source of Import/ Manufacturer:** Xi'an Aerospace Propulsion Testing Technique Institute, No.165 Institute Building, No. 289, Hangtian West Road, Aerospace Base, Xi'an City, Shaanxi Province.	Import for Export	Satisfactory

				Name and Address of supplier: Xi'an Hangyuan Industrial Limited. Room 601, 6 Floor, Building A, Midwest Inland Port Financial Town, No.99, Gangwu Avenue, Xi'an, China. **Quantity to be imported**:**29295 Kg** **Product to be exported**: **Daminozide 850g/kg.** **Export to: UPL NA, INC 5 LABORATORY DR BLDG 1 STE 1100, DURHAM NC 27709-0012, USA** **Quantity to be exported: 33216 KG.**		
24	472686-Export/9(3)2025	PEPTECH BIOSCIENCES LIMITED	Emamectin Benzoate Technical 95% W/W Min.	**Product to be exported:**Emamectin Benzoate Technical 95% w/w Min. **Export to**: AGRIZEL BV, GHAZIR MAIN ROAD,1733 CENTER, GROUND FLOOR , KESERWAN-LEBANON **Quantity to be exported**: 5000 KG	Manufacture for Export	Satisfactory
25	475652-Export/9(3)2025	UPL Limited	Clomazone Technical (96.00% w/w Min.)	**Product to be imported:**Clomazone Technical (96.00% w/w Min.) **Name and address of source of import**: WeifangCynda Chemical Co., Ltd. No. 2 of East Partial Lingang Chemical Zone, Binhai Economic	Import for Export	Satisfactory

				Development Area, Weifang, Shandong, P. R. China. Supplier: NA **Quantity to be imported**: 1862 KG **Product to be exported:**Clomazone 360 g/L CS **Export to**: UPL Iberia S. A., CalleJosepPla, 2 – B 2,9Plt, Barcelona. Spain. **Quantity to be exported:** 4800 L		
26	475902-Export/9(3)2025	UPL Limited	Bensulfuron-methyl Technical (96.00% w/w Min.)	**Product to be imported:**Bensulfuron-methyl Technical (96.00% w/w Min.) **Name and address of source of import**: Jiangsu Institute of Ecomones Co Ltd., 95 North Huanyuan Rd, Economic Development Zone, Jintan, Changzhou, Jiangsu P.R. China 213200. **Supplier:** Changzhou SynleadAgriscience Limited, 1218 North Changjang Rd, Hi-Tech Development Zone, Changzhou, Jiangsu, P.R. China 213034. **Quantity to be imported**: 814 KG **Product to be exported:**Bensulfuron-Methyl 500 g/Kg +	Import for Export	Satisfactory

				Metsulfuron-Methyl 20 g/Kg WG **Export to**: UPL ITALIA SRL, VIA TERNI 275 47522 CESENA, ITALY. **Quantity to be exported:** 1500 kg		
27	475807-Export/9(3)2025	UPL Limited	Bensulfuron-methyl Technical (96.00% w/w Min.)	**Product to be imported:**Bensulfuron-methyl Technical (96.00% w/w Min.) **Name and address of source of import**: Jiangsu Institute of Ecomones Co Ltd., 95 North Huanyuan Rd, Economic Development Zone, Jintan, Changzhou, Jiangsu P.R. China 213200. **Supplier:** Changzhou SynleadAgriscience Limited, 1218 North Changjang Rd, Hi-Tech Development Zone, Changzhou, Jiangsu, P.R. China 213034. **Quantity to be imported**: 2918 KG. **Product to be exported:**Bensulfuron-methyl 60% WG **Export to**: UPL ITALIA SRL, VIA TERNI 275 47522 CESENA, ITALY. **Quantity to be exported:** 4500 kg	Import for Export	Satisfactory

28	476173-Export/9(3)2025	Cocreate Global technologies private limited	Pendimethalin 50% EC	**Product to be exported: Pendimethalin 50% EC** **Export to:** ETG AGRI INPUTS BURKINA Address-ImmeubleDiendere - 3eme Etage-Avenue Loudun, Secteur,04| 08 BP :11027, Ouagadougou 08 **Quantity to be exported:** 14000 Litres	**Manufacture for Export**	Satisfactory
29	476691-Export/9(3)2025	Indofil Industries Limited	Acetamiprid 50 g/L + Emamectin benzoate 20 g/L EC (Acema 70 EC)	**Product to be exported**: Acetamiprid 50 g/L + Emamectin benzoate 20 g/L EC **Export to**: Optimum Agro Pvt Ltd., 12 Highfield Road Southerton Harare, Zimbabwe, NAME AND ADDRESS NOT MENTIONED IN FORM I. **Quantity to be exported:** 8000 Litres.	Manufacture for Export	Satisfactory
30	476671-Export/9(3)2025	Indofil Industries Limited	Acetamiprid 30 g/L + Lambda cyhalothrin 30 g/L EC (Acetamiprid + Lambda 60 EC)	**Product to be exported**: Acetamiprid 30 g/L + Lambda cyhalothrin 30 g/L EC (Acetamiprid + Lambda 60 EC) **Export to**: Optimum Agro Pvt Ltd., 12 Highfield Road Southerton Harare, Zimbabwe, NAME AND ADDRESS NOT MENTIONED IN FORM I. **Quantity to be exported:** 17500 Litres	Manufacture for Export	Satisfactory

31	472913-Export/9(3)2025	AIMCO PESTICIDES LIMITED	Buprofezin Technical 98.00% w/w Min	**Product to be imported:**Buprofezin Technical 98.00% w/w Min **Source of Import/Manufacturer :** Jiangsu Changlong Agrochemical Co., Ltd., NO. 8, TUANJIEHE ROAD, ECONOMIC DEVELOPMENT DISTRICT OF TAIXING, JIANGSU, CHINA 225400 **Supplier:** Honor Bio-Technology (Shanghai) Co. Ltd., Room 1510, 15th Floor, Building 1, 55 Ona Road, Pilot Free Trade Zone Shanghai, China **Quantity to be imported:** 4100 Kg **Product to be exported:**Buprofezin 20% + Bifenthrin 1% GR **Export to**: AIMCO International FZE P O Box 60869, 304 Al Bakhit Center, Deira, Dubai, UAE (Ajman Free Trade Zone, Ajman, UAE) **Quantity to be exported:** 20,000 kg	Import for Export	Satisfactory
32	474729-Export/9(3)2025	CHEMINOVA INDIA LIMITED	Isoproturon Technical 97% w/w Min.	**Product to be imported: Isoproturon Technical 97% w/w Min.** **Source of Import/Manufacturer :** Jiangsu Kuaida Agrochemical Co.,	Import for Export	Satisfactory

				Ltd., China Rudong Coastal Economic Development Zone, Jiangsu, China **Supplier: NA** **Quantity to be imported:** 574 kg **Product to be exported: Bixlozone 7%+Isoproturon 35% w/w WG.** **Export to**: FMC (Suzhou) Crop Care Co., Ltd. Address: FMC Suzhou, 99 Jiepu Road, Shengpu, Suzhou Industrial Park Suzhou, Jiangsu China, 215126 **Quantity to be exported:** 1500 KG		
33	471588-Export/9(3)2025	Sambhv Life Science Private Limited	Chlorfenapyr 240 g/l SC	**Product to be imported:** Chlorfenapyr 240 g/l SC **Quantity of Import**: 2025: 2.5 million Alphacypermethrin 0.24% w/w + Chlorfenapyr 0.48% w/w Insecticide Treated Nets to be exported and for its manufacture**,** **33600 L** of Chlorfenapyr 240 g/L SC will be imported. **2026:** 2.5 million Alphacypermethrin 0.24% w/w + Chlorfenapyr 0.48% w/w Insecticide Treated Nets to be exported and for its	Import for Export	Satisfactory

				manufacture, **33600 L** of Chlorfenapyr 240 g/L SC will be imported. **Source of Import-Manufacturer:** M/s Yorkool Chemicals (Cangzhou) Co., Ltd, West of Jing 4th Road, South of Chemical Avenue, Coastal-Port Economic and Technological Development Zone, Cangzhou, Hebei Province, China. **Supplier Name:** Tianjin TCR Textile Co, Ltd., 7th Floor, RongchuangCenter, Tianjin, China-300000 **Name of Product to be exported:** Alphacypermethrin 0.24% w/w + Chlorfenapyr 0.48% w/w Insecticide Treated Nets **Export to**: SRC GLOBAL RESOURCES TRADING FZCO 2W212A. SECOND FLOOR, 2 WEST, DUBAI AIRPORT FREE ZONE **Quantity to be exported:** 2025-2.5 million LLIN & 2026-2.5 million LLIN.		

Annexure -4.2.1

List of Applications u/s 9(3) Export in General category

S. No	Application No.	Name of Applicant	Product Name
1	473492-Export/9(3)2025	FORWARD CROP PROTECTION PVT. LTD.	Propanil 35% EC
2	473265-Export/9(3)2025	DhanukaAgritech Limited	Triadimenol Technical 97.00% w/w Min.
3	473493-Export/9(3)2025	FORWARD CROP PROTECTION PVT. LTD.	Propanil 380 g/l + Triclopyr 40 g/l EC
4	474071-Export/9(3)2025	Aayan Nanotech Private Limited	Lambda-Cyhalothrin 0.485% CS
5	473707-Export/9(3)2025	RamcidesCropSciencePvt. Ltd.	Acetamiprid 20% SP
6	473425-Export/9(3)2025	Ratnakar India Limited	Profenofos 300 g/l + Lambdacyhalothrin 15 g/l EC
7	473426-Export/9(3)2025	Ratnakar India Limited	Abamectin 18 g/l + Acetamiprid 32 g/l EC
8	473427-Export/9(3)2025	Ratnakar India Limited	Fipronil 70 g/l + Imidacloprid 183 g/l SC
9	474330-Export/9(3)2025	AGRO PACK	Paraquate Dichloride 135% g/l + Diquate 115% g/l SC
10	474324-Export/9(3)2025	AGRO PACK	Paraquate Dichloride 36% w/v SC
11	474320-Export/9(3)2025	AGRO PACK	Diquat 20% SC
12	473631-Export/9(3)2025	2022 ES Discovery India Private Limited	Coumatetralyl 40% TK
13	471589-Export/9(3)2025	Mega Innovative Crops Private Ltd.	HEXACONAZOLE TECHNICAL 92% MIN.
14	471481-Export/9(3)2025	Sydney Formulation And Chemicals.	CLODINAFOP-PROPARGYL 24% EC
15	472983-Export/9(3)2025	BRISBANE CHEMICALS	OXYFLUORFEN 24% EC
16	472981-Export/9(3)2025	BRISBANE CHEMICALS	Atrazine 90% WG
17	472980-Export/9(3)2025	BRISBANE CHEMICALS	2,4-D ACID EQUIVALENT 72% SL
18	474360-Export/9(3)2025	Cocreate Global technologies private limited	Permethrin 20% + Diflubenzuron 20% SC
19	474587-Export/9(3)2025	Willowood Industries Pvt. Ltd.	Pretilacholr Technical 96.00 % w/w min.
20	474811-Export/9(3)2025	ALOK INDUSTRIES	Bifenthrin 10% Masterbatch (Insecticide)
21	474744-Export/9(3)2025	Superform Chemistries Limited	Picoxystrobin Technical (97.00% w/w Min.)
22	474809-Export/9(3)2025	Superform Chemistries Limited	Tricyclazole Technical (95.00% w/w Min.)
23	474826-Export/9(3)2025	UmiyaAgroes	Glyphosate 48% IPA Salt SL
24	472968-Export/9(3)2025	ALIVIRA ANIMAL HEALTH LIMITED	S-Methoprene Technical 98% w/w Min
25	475123-Export/9(3)2025	Superform Chemistries Limited	Pretilachlor Technical (96.00% w/w Min.)
26	475030-Export/9(3)2025	Superform Chemistries Limited	Chlorfenapyr Technical (97.00% w/w Min.)
27	474974-Export/9(3)2025	Superform Chemistries Limited	Chlorpyrifos Technical (94.00% w/w Min.)
28	475177-Export/9(3)2025	Superform Chemistries Limited	Captan 80% WG

29	474824-Export/9(3)2025	UmiyaAgroes	Oxyflourfen 24% EC
30	475049-Export/9(3)2025	THE SCIENTIFIC FERTILISER COMPANY PRIVATE LIMITED	Azoxystrobin 28.2% w/v + Metalaxyl-M 10.9% w/v SE
31	474841-Export/9(3)2025	UmiyaAgroes	Pendimethalin 50% EC
32	475008-Export/9(3)2025	ShardaCropchem Ltd.	Imidacloprid 0.2% GR
33	475006-Export/9(3)2025	ShardaCropchem Ltd.	Dazomet 98% GR
34	475284-Export/9(3)2025	UmiyaAgroes	Flonicamid 50% WG
35	475270-Export/9(3)2025	M/s Albaugh India Private Limited	2,4-D 2-Ethylhexyl Ester Technical 96.00% w/w Min.
36	475127-Export/9(3)2025	Superform Chemistries Limited	Zoxamide Technical (96.00% w/w Min.)
37	472076-Export/9(3)2025	United Chemicals	Bromadiolone 0.005% TKL
38	471054-Export/9(3)2025	PERFECT SOLUTIONS	Azoxystrobin 322 gl + Metalaxyl 124 gl SE
39	475146-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Alphacypermethrin 10% + Malathion 35% EC
40	475158-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Acephate 85% + Bifenthrin 3% WG
41	474430-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Imidacloprid 200 g/l SL
42	474420-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Acetamiprid 700 g/kg WDG
43	474472-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Imidacloprid 600 g/l SC
44	475155-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Ammonium salt of Glyphosate 75.7% WG
45	474475-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Metribuzin 70% WG
46	474402-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	ACETAMIPRID 1.6% + CYPERMETHRIN 7.2% EC
47	474466-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Thiamethoxam 14.1% + Lambdacyhalothrin 10.6% SC
48	475159-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Acetamiprid 25% + Bifenthrin 25% WG
49	474428-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Deltamethrin 5% EC
50	474396-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Imidachloprid 35% S.C
51	473711-Export/9(3)2025	Best Agrolife Limited	Chlorfenapyr 275 g/l + Indoxacarb 110 g/l SC
52	474660-Export/9(3)2025	Best Agrolife Limited	Imidacloprid 600 g/l SC
53	474668-Export/9(3)2025	Best Agrolife Limited	Lambda Cyhalothrin 154 g/l + Thiamethoxam 196 g/l SC
54	474453-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	PENDIMETHALIN 45.5% CS
55	474669-Export/9(3)2025	Best Agrolife Limited	Thiamethoxam 735 g/l WG
56	474510-Export/9(3)2025	Best Agrolife Limited	Hexaconazole 250 g/l SC
57	449514-Export/9(3)2024	PragnaPharma Private Limited	Paclobutrazole Technical 95% w/w min.
58	474538-Export/9(3)2025	Coromandel International Limited	Penoxsulam Technical 980 g/kg
59	474625-Export/9(3)2025	Best Agrolife Limited	Imidacloprid 315 g/l + Thiamethoxam 420 g/l WG
60	449522-Export/9(3)2024	PragnaPharma Private Limited	Difenconazole Technical 95% w/w minimum
61	449512-Export/9(3)2024	PragnaPharma Private Limited	Cyproconazole Technical 94% w/w min
62	449524-Export/9(3)2024	PragnaPharma Private Limited	PYMETROZINE TECHNICAL 98.00% w/w min. for

63	476436-Export/9(3)2025	Advance Agrolife Limited	Diuron 300gL+ Paraquat 236gL SC
64	471979-Export/9(3)2025	PERFECT SOLUTIONS	Copper Hydroxide 33% + Metalaxyl18% WP
65	475377-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Cyhalofop-butyl 100 G/L + Penoxsulam 13.3 G/L OD
66	475373-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Metribuzin 600 G/L SC
67	473713-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Deltamethrin Technical 98% w/w min.
68	454979-Export/9(3)2024	Advance Agrolife Limited	Lambdacyhalothrin 6% + Imidacloprid 3% SC
69	454990-Export/9(3)2024	Advance Agrolife Limited	Copper oxychloride 58% + Metalaxyl- M (Mefenoxam) 8% WP
70	454992-Export/9(3)2024	Advance Agrolife Limited	Haloxyfop-P-Methyl 108 g/l EC
71	473709-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Alphacypermethrin Technical 95.00% w/w min.
72	473712-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Cypermethrin Technical 92% w/w min.
73	452971-Export/9(3)2024	Advance Agrolife Limited	Difenoconazole 15 % + Propiconazole 15% SC
74	452978-Export/9(3)2024	Advance Agrolife Limited	Chlorpyrifos 275 g/L+ Dimethoate 225 g/L EC
75	452989-Export/9(3)2024	Advance Agrolife Limited	Deltamethrin1.5 g/L+ Dimethoate 225g/L EC
76	473925-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Permethrin Technical 92% w/w min.
77	473926-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	PINOXADEN TECHNICAL 95% w/w Min.
78	452977-Export/9(3)2024	Advance Agrolife Limited	Azoxystrobin 200 g/l + Cyproconazole 80 g/l SC
79	473950-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	TEMBOTRIONE TECHNICAL 94.00% W/W MIN.
80	473949-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Saflufenacil Technical 95.00% w/w Min.
81	475587-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Cyantraniliprole Technical 93.00% w/w Min.
82	475588-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	FLUXAPYROXAD TECHNICAL 98% w/w min.
83	475589-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	PENOXSULAM TECHNICAL 98.00% MIN.
84	452972-Export/9(3)2024	Advance Agrolife Limited	Copper Oxychloride 50% WDG
85	454967-Export/9(3)2024	Advance Agrolife Limited	Abamectin 1.8% EC
86	454968-Export/9(3)2024	Advance Agrolife Limited	Emamectin Benzoate 5% WDG
87	454971-Export/9(3)2024	Advance Agrolife Limited	Cypermethrin 20% EC
88	454975-Export/9(3)2024	Advance Agrolife Limited	Sulphur 80% DF
89	454994-Export/9(3)2024	Advance Agrolife Limited	Thiamethoxam 40 g/l + Bifenthrin 40 g/l SC
90	475882-Export/9(3)2025	2022 ES Discovery India Private Limited	Fipronil 2.91% w/w EC
91	475746-Export/9(3)2025	Sulphur Crop Care Pvt. Ltd.	Sulphur 80% SC
92	475820-Export/9(3)2025	FORWARD CROP PROTECTION PVT. LTD.	Pendimethalin 33% w/v EC
93	475822-Export/9(3)2025	FORWARD CROP PROTECTION PVT. LTD.	ACETAMIPRID 20 G/L + BIFENTHRIN 20 G/L EC

94	475631-Export/9(3)2025	NEW PACK AGRO CHEM	IMIDACLOPRID 350% gl SC
95	475632-Export/9(3)2025	NEW PACK AGRO CHEM	Glyphosate 360% g/l SL
96	452969-Export/9(3)2024	Advance Agrolife Limited	Zinc phosphide 10% WP
97	452970-Export/9(3)2024	Advance Agrolife Limited	Zinc phosphide 5% WP
98	475633-Export/9(3)2025	NEW PACK AGRO CHEM	Tebuconazole 250% gl EC
99	452973-Export/9(3)2024	Advance Agrolife Limited	Copper hydroxide 62% WDG
100	475634-Export/9(3)2025	NEW PACK AGRO CHEM	Pendimethalin 500% g/l EC
101	475614-Export/9(3)2025	Agrico Organics Limited	Fipronil 20% SC For Manufacture For Export
102	454972-Export/9(3)2024	Advance Agrolife Limited	Deltamethrin 5% EC
103	476095-Export/9(3)2025	2022 ES Discovery India Private Limited	Imidacloprid 18.74% w/w SC
104	454978-Export/9(3)2024	Advance Agrolife Limited	Chlorpyriphos 35% + Cypermethrin 10% EC
105	449531-Export/9(3)2024	PragnaPharma Private Limited	Prothioconazole Technical 97% w/w min
106	475475-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Prothioconazole Technical 98% w/w Min.
107	475505-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Prothioconazole 175 G/L + Trifloxystrobin 88 G/L SC
108	476011-Export/9(3)2025	Superform Chemistries Limited	Cymoxanil Technical (97.00% w/w Min.)
109	475635-Export/9(3)2025	Willowood Chemicals Ltd.	Propineb 700 g/kg + Cymoxanil 60 g/kg WP
110	475701-Export/9(3)2025	Willowood Chemicals Ltd.	Chlorantraniliprole 100 g/L + Thiamethoxam 200 g/L SC
111	475568-Export/9(3)2025	SOLAR CHEMFERTS PVT LTD	Mancozeb 80% WP
112	472971-Export/9(3)2025	PragnaPharma Private Limited	Bronopol Technical 99.90% w/w Min
113	475829-Export/9(3)2025	PUNJAB CHEMICALS AND CROP PROTECTION LIMITED	Diflufenzopyr Technical 93.00% w/w Minimum
114	448790-Export/9(3)2024	PERFECT SOLUTIONS	Lufenuron 50g/l + Metaflumizone 200 g/l SC
115	447705-Export/9(3)2024	PERFECT SOLUTIONS	Flocoumafen 0.005% Block Bait
116	475403-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Metamitron Technical 98% w/w Min.
117	475407-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Metamitron 700 G/L SC
118	475406-Export/9(3)2025	UmiyaAgroes	Glyphosate Technical 95% w/w Min
119	475456-Export/9(3)2025	UmiyaAgroes	Mancozeb Technical 85% Min.
120	475441-Export/9(3)2025	UmiyaAgroes	Metalaxyl Technical 90% min.
121	475428-Export/9(3)2025	UmiyaAgroes	Chlorpyrifos Technical 97% min.
122	475400-Export/9(3)2025	UmiyaAgroes	PiroxofopPropinyl (ClodinafopPropargyl) Technical 98.5% Min.
123	469065-Export/9(3)2025	PERFECT SOLUTIONS	Prothioconazole 175 g/l + Trifloxystrobin 150 g/l SC
124	473602-Export/9(3)2025	PERFECT SOLUTIONS	Propanil 200g/l + Thiobencarb 400g/l EC
125	475899-Export/9(3)2025	Ratnakar India Limited	Emamectin Benzoate 20 g/l + Acetamiprid 50 g/l EC
126	475895-Export/9(3)2025	Ratnakar India Limited	Acetamiprid 3% + Lambdacyhalothrin 3% EC

127	476381-Export/9(3)2025	MAHAMAYA LIFESCIENCES LTD.	Cyantraniliprole 10.2 % w/w SE
128	476099-Export/9(3)2025	PERFECT SOLUTIONS	Bispyribac Sodium 10% EC
129	473794-Export/9(3)2025	PERFECT SOLUTIONS	Bifenzate 480g/l SC
130	473793-Export/9(3)2025	PERFECT SOLUTIONS	Tebuconaozole 25% EC
131	473788-Export/9(3)2025	PERFECT SOLUTIONS	Chlorpyrifos 48% EC
132	473789-Export/9(3)2025	PERFECT SOLUTIONS	Glyphosate 48% SL
133	473783-Export/9(3)2025	PERFECT SOLUTIONS	Emamectin benzoate 5% WG
134	473608-Export/9(3)2025	PERFECT SOLUTIONS	Florpyrauxifen-benzyl 12.5g/l + Penoxsulam 20g/l OD
135	475486-Export/9(3)2025	UmiyaAgroes	Lambdacyhalothrin Technical 97.00% Min
136	475178-Export/9(3)2025	Neem India Products Private Limited	Neem Seed Kernel Based E.C. Containing Azadirachtin 1.2% (12000 PPM) w/w Min.
137	473792-Export/9(3)2025	PERFECT SOLUTIONS	Emamectin Benzoate 5% + Lufenuron 40% WG
138	476860-Export/9(3)2025	YASHNEE AGROCHEMICALS INDIA PRIVATE LIMITED	Profenophos Technical 95% w/w min.
139	476811-Export/9(3)2025	YASHNEE AGROCHEMICALS INDIA PRIVATE LIMITED	Imiprothrin 50% MUP
140	473791-Export/9(3)2025	PERFECT SOLUTIONS	Metalaxyl 35% WP
141	476821-Export/9(3)2025	YASHNEE AGROCHEMICALS INDIA PRIVATE LIMITED	Cypermethrin 40% WP
142	471978-Export/9(3)2025	PERFECT SOLUTIONS	Imidacloprid 20% + Tebuconazole 2% + metalaxyl m 20% WS
143	476425-Export/9(3)2025	ALSC PRIVATE LIMITED	Azoxystrobin 39.1% w/v+Metalaxyl-M 10.9% w/v SE
144	476933-Export/9(3)2025	Sujag Fine Chemicals Pvt. Ltd.	Pinoxaden Technical 97.00%
145	476935-Export/9(3)2025	Sujag Fine Chemicals Pvt. Ltd.	Fluopyram Technical 97.00% w/w Min.
146	477036-Export/9(3)2025	THE SCIENTIFIC FERTILISER COMPANY PRIVATE LIMITED	Thiamethoxam 25% w/v SC For Manufacture for Export
147	477281-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	Metalaxyl-M Technical 95% w/w Min.
148	476147-Export/9(3)2025	PERFECT SOLUTIONS	Fluopyram 250g/l + Trifloxystrobin 250g/l SC
149	476386-Export/9(3)2025	MAHAMAYA LIFESCIENCES LTD.	Folpet Technical 94.00% w/w min.
150	473790-Export/9(3)2025	PERFECT SOLUTIONS	Aluminium Phosphide 57% Tab
151	472910-Export/9(3)2025	PERFECT SOLUTIONS	Fluopicolide 44.4 g/kg + Fosetylalumilium 666.7 g/kg WG
152	472912-Export/9(3)2025	PERFECT SOLUTIONS	Kresoxim-methyl 20% + Triflumizole 15% SC
153	469072-Export/9(3)2025	PERFECT SOLUTIONS	Methoxyfenozide 300g/l + Spinetoram 60g/l SC
154	477230-Export/9(3)2025	ALSC PRIVATE LIMITED	Fluopyram 40% SC
155	472402-Export/9(3)2025	Crystal Crop Protection Ltd	Chlorantraniliprole 200 g/l SC
156	469056-Export/9(3)2025	PERFECT SOLUTIONS	Dimethomorph 40% W/W + Cymoxanil 10% W/W WP
157	475590-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	PICOXYSTROBIN TECHNICAL 93% w/w MIN.
158	473786-Export/9(3)2025	PERFECT SOLUTIONS	Emamectin Benzoate 5.7% WG

159	477255-Export/9(3)2025	ALSC PRIVATE LIMITED	Bispyribac sodium 18%+Bensulfuron methyl 12% WDG
160	473785-Export/9(3)2025	PERFECT SOLUTIONS	Glyphosate 480 g/l SL
161	473787-Export/9(3)2025	PERFECT SOLUTIONS	Cypermethrin 20% EC
162	468995-Export/9(3)2025	PERFECT SOLUTIONS	Spinetoram 60 g/l SC
163	477438-Export/9(3)2025	KRISHI RASAYAN EXPORTS PVT. LTD.	Bifenthrin 10% w/v EC
164	476788-Export/9(3)2025	AMBEY LABORATORIES LIMITED	2, 4-d ethyl hexyl ester 660 g/l EC
165	477428-Export/9(3)2025	KRISHI RASAYAN EXPORTS PVT. LTD.	Fluopyram 40% w/v SC
166	477411-Export/9(3)2025	KRISHI RASAYAN EXPORTS PVT. LTD.	Aclonifen 600 g/l SC
167	469069-Export/9(3)2025	PERFECT SOLUTIONS	Propamocarb hydrochloride 530 g/l + Fosetyl-aluminum 310g/l SL
168	472286-Export/9(3)2025	PERFECT SOLUTIONS	Acetamiprid 64 g/l + Emamectin Benzoate 48 g/l EC
169	473784-Export/9(3)2025	PERFECT SOLUTIONS	Mancozeb 80% WP
170	468982-Export/9(3)2025	PERFECT SOLUTIONS	Profenofos 72% EC
171	473606-Export/9(3)2025	PERFECT SOLUTIONS	Flubendiamide 100g/l + Metaflumizone 150g/l SC
172	477344-Export/9(3)2025	NACL SPEC-CHEM LIMITED	Profenofos 72% EC
173	469063-Export/9(3)2025	PERFECT SOLUTIONS	Spinetoram 120 g/kg + Triflumezopyrim 100 g/kg WG
174	473599-Export/9(3)2025	PERFECT SOLUTIONS	Pydiflumetofen 200g/l SC
175	472920-Export/9(3)2025	PERFECT SOLUTIONS	Metazosulfuron 33% WG
176	469052-Export/9(3)2025	PERFECT SOLUTIONS	Picarbutrazox 100g/l SC
177	474427-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Cypermethrin 5% E.C
178	474473-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	INDOXACARB 15% SC
179	474474-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Malathion 57% E.C
180	477530-Export/9(3)2025	Rainbow AgrosciencesPvt. Ltd.	2,4-D Sodium Salt 80% SP
181	475154-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Ammonium salt of Glyphosate 386 g/l SL
182	474467-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	PERMETHRIN 38% EC
183	474400-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Emamectin Benzoate 50 g/l + Indoxacarb 100 g/l SC
184	474468-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Lambda-cyhalothrin 25% EC
185	477657-Export/9(3)2025	M/s Albaugh India Private Limited	Halosulfuron-methyl 75% w/w WDG
186	469067-Export/9(3)2025	PERFECT SOLUTIONS	Propamocarb hydrochloride 500g/l + Kasugamycin 25g/l SL
187	474393-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Dimethoate 40% E.C.
188	475152-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Chlorantraniliprole 52.5 g/L + Emamectin Benzoate 10.5 g/L ZC
189	474433-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Glyphosate 50% S.L
190	477660-Export/9(3)2025	M/s Albaugh India Private Limited	Sulfosulfuron 75% w/w WDG
191	474464-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Thiomethoxam 35% SC
192	474423-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Alphacypermethrin 200 g/l EC
193	477938-Export/9(3)2025	ShardaCropchem Ltd.	Pyridaben 20% WP

194	474366-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	EMAMECTIN BENZOATE 5.7% WDG
195	475150-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Diuron 80% SC
196	475149-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	QUIZALOFOP-P-ETHYL 35 g/l + FOMESAFEN 125 g/l EC
197	475148-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Copper Hydroxide 545 g/l SC
198	474471-Export/9(3)2025	Volkschem Crop Science Pvt. Ltd	Metribuzin 75% WG
199	475923-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Broflanilide 30% SC
200	477706-Export/9(3)2025	NAKASA CROP SCIENCE PVT LTD	Hexaconazole 23% SC
201	477699-Export/9(3)2025	NAKASA CROP SCIENCE PVT LTD	Deltamethrin 2.4% SC
202	476337-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Lambdacyhalothrin Technical 97% w/w min.
203	477982-Export/9(3)2025	NAKASA CROP SCIENCE PVT LTD	Fluopyram 500 g/L (50% w/v) SC
204	477692-Export/9(3)2025	NAKASA CROP SCIENCE PVT LTD	Clethodim 13.2% w/w EC
205	477387-Export/9(3)2025	PragnaPharma Private Limited	Tolfenpyrad Technical 98.5% w/w min.
206	476052-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Pretilachlor Technical 96% w/w min
207	476038-Export/9(3)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Fenpropathrin Technical 90.00% min.
208	477847-Export/9(3)2025	Heranba Organics Private Limited	Aclonifen Technical 98.00% w/w Min.
209	477841-Export/9(3)2025	Heranba Organics Private Limited	Bifenthrin Technical 98.00% W/W Min.
210	477124-Export/9(3)2025	Sambhv Life Science Private Limited	Chlorfenapyr 6.0 g/Kg ± 25% + Alphacypermethrin 4.0 g/Kg ± 25%
211	477114-Export/9(3)2025	Sambhv Life Science Private Limited	Chlorfenapyr 4.8 g/Kg + Alphacypermethrin 2.4 g/Kg

Annexure -4.2.2

List of applications in Star Export Category (Ex-Post Facto)

S. No.	Application No.	Company Name	Product Name	Remarks
1	470688-Export/9(3)2025	P I Industries Ltd	Pioxaniliprole Technical 97.5% w/w min.	The detailed agenda for these three molecules has been inadvertently missed to be submittedfrom Chemistry and Toxicology Discipline. The same shall be submitted in upcoming RC.
2	472207-Export/9(3)2025	Meghmani Organics Limited	2,4-D B Technical-98% Min.- U/s 9(3) Export.	
3	474025-Export/9(3)2025	NOCIL LIMITED	Metam Sodium Aqueous Solution 42.00% w/w Min.	

Sr No.	Application No.	Company Name	Product Name	Remarks
4	476441-Export/9(3)2025	NACL Industries Limited	Azoxystrobin Technical 97.50% Min	Satisfactory
5	476445-Export/9(3)2025	NACL Industries Limited	Metribuzin Technical 95.50% Min	Satisfactory
6	476455-Export/9(3)2025	NACL Industries Limited	Lambda Cyhalothrin Technical 96% Min	Satisfactory
7	476461-Export/9(3)2025	NACL Industries Limited	Haloxyfo-P-Methyl Technical 96% w/w Min	Satisfactory
8	476900-Export/9(3)2025	BR Agrotech ltd	Cypermethrin 8.60% + Pyriproxyfen 25% EC (W/V)	Satisfactory
9	476807-Export/9(3)2025	Anu Products Limited	Imidacloprid Technical 97% Min.	Satisfactory
10	477011-Export/9(3)2025	Meghmani Organics Limited	Abamectin-3.60% EC(w/v) U/s 9(3) Export.	Satisfactory
11	476673-Export/9(3)2025	Meghmani Industries Limited	Trifloxystrobin 50% WDG	Satisfactory
12	476582-Export/9(3)2025	Atul Limited	Hexaconazole 23% SC	Satisfactory
13	477128-Export/9(3)2025	Meghmani Organics Limited	Abamectin Technical-95% Min.- U/s 9(3) Export.	Satisfactory
14	476677-Export/9(3)2025	M/s Parijat Industries (India) Ltd	Spinosad Technical 85.00% w/w Min.	Satisfactory
15	477051-Export/9(3)2025	Bayer CropScience Limited	Fentrazamide 300 g/L + Triafamone 37.5 g/L SC	Satisfactory
16	477019-Export/9(3)2025	Agrow Allied Ventures Private Limited	Ethiprole 200 g/l SC	Satisfactory
17	477015-Export/9(3)2025	Agrow Allied Ventures Private Limited	Haloxyfop R Methyl 540 g/l EC	Satisfactory
18	476981-Export/9(3)2025	Agrow Allied Ventures Private Limited	Lambdacyhalothrin 250 g/l CS	Satisfactory
19	476979-Export/9(3)2025	Agrow Allied Ventures Private Limited	Imidacloprid 60 g/l FS	Satisfactory
20	477366-Export/9(3)2025	Meghmani Organics Limited	Alpha-cypermethrin-12.50% EC(w/v)-U/s 9(3) Export.	Satisfactory

21	477437-Export/9(3)2025	IndogulfCropsciences Limited	Ammonium salt of Glyphosate 70 % SG w/w	Satisfactory
22	477537-Export/9(3)2025	Heranba Industries Limited	Sulfoxaflor Technical 98.00% w/w Min.	Satisfactory
23	477576-Export/9(3)2025	IndogulfCropsciences Limited	FIPRONIL 20% SC W/V	Satisfactory
24	477282-Export/9(3)2025	OmkarAgri Global Pvt Ltd	Lambda cyhalothrin Technical 92% min.	Satisfactory
25	477578-Export/9(3)2025	OmkarAgri Global Pvt Ltd	Acetamiprid 30 g/l + Bifenthrin 20 g/l EC	Satisfactory
26	477654-Export/9(3)2025	ArystaLifeScience India Limited	Thiram 480 g/L SC	Satisfactory
27	477744-Export/9(3)2025	OmkarAgri Global Pvt Ltd	Imidacloprid 10% + Metalaxyl 5% + Carbendazim 5% WS	Satisfactory
28	477117-Export/9(3)2025	JU AGRI SCIENCES PRIVATE LIMITED	Clomazone 40 g/L + Terbuthylazine 375 g/L + Mesotrione 75 g/L ZC	Satisfactory
29	477846-Export/9(3)2025	Bharat Rasayan Ltd	Phenthoate 60% EC (w/v)	Satisfactory
30	477840-Export/9(3)2025	GSP Crop Science Limited	Metalaxyl 35% SD	Satisfactory
31	477839-Export/9(3)2025	GSP Crop Science Limited	Alpha-cypermethrin Technical 95.00% w/w Min.	Satisfactory
32	478080-Export/9(3)2025	Meghmani Organics Limited	Cypermethrin-38% EC(w/v)-U/s 9(3) Export.	Satisfactory
33	477986-Export/9(3)2025	Parikh Enterprises Pvt.Ltd.	Cypermethrin 15% EC	Satisfactory
34	477929-Export/9(3)2025	IndogulfCropsciences Limited	Thiamethoxam 14.1% + Lambda-cyhalothrin 10.6% w/v ZC	Satisfactory
35	477132-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Mancozeb Technical 85% w/w min. for	Satisfactory
36	477884-Export/9(3)2025	Dharmaj Crop Guard Limited	Lambdacyhalothrin Technical 97.40% w/w min.	Satisfactory
37	478204-Export/9(3)2025	Rallis India Limited	PROFENOFOS 72% w/v (720 g/L) EC	Satisfactory
38	478202-Export/9(3)2025	Rallis India Limited	Tebuconazole 200 g/L + Trifloxystrobin 100 g/L SC	Satisfactory
39	478201-Export/9(3)2025	IndogulfCropsciences Limited	Bifenthrin Technical 97.9% min. w/w	Satisfactory
40	477857-Export/9(3)2025	Heranba Industries Limited	Sulfoxaflor 50% WG	Satisfactory
41	478215-Export/9(3)2025	HemaniIndustries Ltd.,	Acetamiprid 12% + Lambda cyhalothrin 6% ZC W/V	Satisfactory
42	478280-Export/9(3)2025	India Pesticides Limited	Fenpyroximate Technical 98% min. For Manufacture For Export	Satisfactory
43	470407-Export/9(3)2025	SML Limited	Acetamiprid 2% + Lambda Cyhalothrin 1.5% SC	Satisfactory
44	473995-Export/9(3)2025	BETRUST INDUSTRIES PRIVATE LIMITED	Lambda-Cyhalothrin 10.6% w/v + Thiamethoxam 14.1% w/v ZC	Satisfactory

45	473994-Export/9(3)2025	BETRUST INDUSTRIES PRIVATE LIMITED	Chlorantraniliprole 18.4% w/w SC	Satisfactory
46	477133-Export/9(3)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Diuron Technical 98% w/w min.	Satisfactory
47	478222-Export/9(3)2025	UPL Limited	Mandipropamid 75 g/L + Propamocarb hydrochloride 500 g/L SC	Satisfactory
48	478417-Export/9(3)2025	Cropnosys India Pvt. Ltd.	Dithianon Technical 93% min.	Satisfactory
49	478298-Export/9(3)2025	CortevaAgriscience India Pvt. Ltd.	Sulfoxaflor 50% w/w WG	Satisfactory
50	478697-Export/9(3)2025	HemaniIndustries Ltd.,	Spinosad Technical 85.00% W/W Min	Satisfactory
51	478721-Export/9(3)2025	Parikh Enterprises Pvt.Ltd.	Tribasic Copper Sulphate 34.5% w/v SC	Satisfactory
52	478743-Export/9(3)2025	Anu Products Limited	Metalaxyl Technical 95% Min.	Satisfactory
53	479157-Export/9(3)2025	Corteva Crop India Private Limited	Florpyrauxifen-benzyl 2.7% w/w EC	Satisfactory
54	478115-Export/9(3)2025	Atul Limited	2,4-D ETHYL HEXYL ESTER 905 G/L EC	Satisfactory
55	479227-Export/9(3)2025	Bharat Rasayan Ltd	Fluopyram Technical 98.0% w/w min	Satisfactory
56	479201-Export/9(3)2025	GSP Crop Science Limited	Cypermethrin 36 g/l + Acetamiprid 10 g/l EC	Satisfactory
57	479206-Export/9(3)2025	GSP Crop Science Limited	Cypermethrin 72 g/l + Acetamiprid 32 g/l EC	Satisfactory
58	479344-Export/9(3)2025	LAURUS SYNTHESIS PRIVATE LILMITED	Cyantraniliprole Technical 94.00% w/w Min.	Satisfactory
59	479451-Export/9(3)2025	OmkarAgri Global Pvt Ltd	Thiamethoxam Technical 98% min.	Satisfactory
60	479444-Export/9(3)2025	OmkarAgri Global Pvt Ltd	2,4-D Acid Technical 98% min.	Satisfactory
61	479135-Export/9(3)2025	OmkarAgri Global Pvt Ltd	Kresoxim-methyl 50% WG	Satisfactory
62	479489-Export/9(3)2025	OmkarAgri Global Pvt Ltd	Cypermethrin Technical 95% min.	Satisfactory

Annexure 4.2.3

List of applications in Fast Track Category (Ex-Post Facto)

S. No	Application No	Name of Applicant	Product Name	Export/Import Details	Category	Remarks
1	476980-Export/9(3)2025	HariOrgochem Private Limited	Trichloroacetic acid Technical 99.0%	Name of Product to be exported: Trichloroacetic acid Technical 99.0% Name of the Firm/Agency in exporting country: Merck Life Science KGaA, Frankfurter Strasse 250, 64293 Darmstadt · Germany Quantity to be exported: 2400000 kg	Manufacture for Export only	Satisfactory
2	476955-Export/9(3)2025	UPL Ltd	Prothioconazole Technical (97.00% w/w Min.)	Name of Product to be imported: Prothioconazole Technical (97.00% w/w Min.) Source of Import: Bayer AG, AlteHeerstrasse 2, 41540 Dormagen, Germany. Name of supplier: Bayer AG, Kaiser Wilhelm Allee 1, Leverkusen, Germany. Quantity to be imported: 501940 KG Name of Product to be exported: Mancozeb 525 g/Kg + Azoxystrobin 37.5 g/Kg + Prothioconazole 37.5 g/Kg WG Name of the Firm/Agency in exporting country: UPL DO BRASIL INDUSTRIA E COMERCIO DE INSUMOS AGROPECUARIOS S.A. CNPJ: 02.974.733/0003-	Import for Export	Satisfactory

				14 Avenida Maeda, s/n Distrito Industrial Ituverava/SP CEP: 14500-000 Brazil. Quantity to be exported: 12000000 KG		
3	477837-Export/9(3)2025	UPL Ltd	Azoxystrobin Technical (98.00% w/w Min.)	Applicant has requested for closure of this application	Import for Export	Application to be closed.
4	478267-Export/9(3)2025	UPL Ltd	Folpet Technical 95.00% w/w Min.	Name of Product to be imported: Folpet Technical 95.00% w/w Min. Source of Import: YingdeGreatchem Chemicals Co., Ltd. Shakou Town, Yingde City, Guangdong Province, 513052, P.R.China Name of supplier: NA Quantity to be imported: 259676 KG Name of Product to be exported: Folpet 80% WG Name of the Firm/Agency in exporting country: UPL ITALIA SRL, VIA TERNI 275, 47522 CESENA FC ITALY. Quantity to be exported: 300000 KG	Import for Export	Satisfactory
5	477229-Export/9(3)2025	2022 ES Discovery India Private Limited	Piperonylbutoxide technical 92.0% w/w min.	Name of Product to be imported: Piperonylbutoxide technical 92.0% w/w min. Source of Import: EnduraS.p.A. Italy Via	Import for Export	Satisfactory

				Baiona 107/111, 48123 Ravenna, Italy. Name of supplier: 1. EnduraS.p.A. Italy Via del Faggiolo 1/11 F, 40132 Bologna, Italy 2. EnduraS.p.A. Italy Via Baiona, 107/111, 48123 Ravenna, Italy. Quantity to be imported: 800 litres Name of Product to be exported: S-bioallethrin 1.42 +Permethrin 102.7+Piperonyl butoxide 98.4 g/l EW Name of the Firm/Agency in exporting country: Envu Environmental Science (Shanghai) Company Limited Unit 03A2, 21F Suhe Centre, North Shanxi Road 99, Jiag'an District, Shanghai, China 200085 Quantity to be exported: 7000 litres		
6	477043-Export/9(3)2025	M/s Parijat Industries (India) Ltd	Florasulam Technical 98.00% w/w Min.	Name of Product to be imported: Florasulam Technical 98.00% w/w Min. Source of Import: M/S. JIANGSU AGROCHEM LABORATORY CO., LTD. ADDRESS: NO. 1218 NORTH CHANGJIANG ROAD, HITECH DEVELOPMENT ZONE, CHANGZHOU, JIANGSU, CHINA. Name of supplier: M/S. HIGH HOPE ZHONGTIAN	Import for Export	Satisfactory

				CORPORATION (ADD: 15 HUBU STREET, NANJING CHINA) Quantity to be imported: 25 Kg. Name of Product to be exported: 2,4-D 300 g/l + Florasulam 6.25g/l SE Name of the Firm/Agency in exporting country: AQROSERVIS LTD (HH GROUP) AZ1102, KHIRDALAN-BINAGADI HIGHWAY, 34H BAKU, AZERBAIJAN Quantity to be exported: 4032 Ltr.		
7	477386-Export/9(3)2025	ArystaLifeScience India Limited	Captan Technical 95.00 % w/w Min.	Name of Product to be imported: Captan Technical 95.00 % w/w Min. Source of Import: M/s Guangdong Greatchem Fine Chemical Co Ltd., No.10, New Material Industrial Park, Ruyuan Economic Development Zone, Rucheng Town, Ruyuan County, Shaoguan City, Guangdong Province, 512600, P.R. China. Name of supplier: NA Quantity to be imported: Applicant already possess Certificate for Import for Export under which permission was accorded for import of 171300 kg of Captan Technical 95.00 % w/w Min. from M/s Guangdong Greatchem Fine Chemical Co Ltd., No.10, New Material Industrial Park,	Import for Export	Satisfactory

				Ruyuan Economic Development Zone, Rucheng Town, Ruyuan County, Shaoguan City, Guangdong Province, 512600, P.R. China. Name of Product to be exported: Captan 80% WG Name of the Firm/Agency in exporting country: LLC "UPL", 115184 Moscow, vn.ter.g. Municipal District, Zamoskvorechie, street Bolshaya, Tatarskaya, bld. 9. Russia. Quantity to be exported: 200000 KG (Captan 80% WG) (Against the same quantity already imported from M/s Guangdong Greatchem Fine Chemical Co Ltd., China) Special Note: Applicant already possess Certificate for Import for Export (CIR-22315/2024-Captan (Technical)-(461-FTE) under which permission was accorded for import of 171300 kg of Captan Technical 95.00 % w/w Min. from M/s Guangdong Greatchem Fine Chemical Co Ltd., No.10, New Material Industrial Park, Ruyuan Economic Development Zone, Rucheng Town, Ruyuan County, Shaoguan City, Guangdong Province, 512600, P.R. China for export of 200000 KG of Captan 80% WG to M/s UPL Germany. Now the PO has been cancelled by the buyer M/s UPL Germany and hence the applicant intends to export		

				the material to Russia as per fresh PO received from another buyer LLC "UPL", Russia. The above fact may be apprised to the RC.		
8	472299-Export/9(3)2025	Bharathi Agro Chemicals Private Limited	Endothall Di Potassium Salt 40.3% SL	Name of Product to be exported: Endothall Di Potassium Salt 40.3% SL Name of the Firm/Agency in exporting country: SHARDA USA L.L.C., P.O. BOX 640, HOCKESSIN, DELAWARE 19707, USA Quantity to be exported: 70000Litres Remarks: 1. Submit Confirm Purchase order.	Manufacture for Export	Satisfactory
9	477055-Export/9(3)2025	NEW PACK AGRO CHEM	Pendimethalin 500 g/l EC	Name of Product to be exported: Pendimethalin 500 g/l EC Name of the Firm/Agency in exporting country: Mbita Incorporated (Pvt) Ltd (Africa), Suite No.: 519, Fairmont Hotel Offices, World Trade Centre 1, Sheikh Zayed Road, Dubai, United Arab Emirate Quantity to be exported: 30000Ltr.	Manufacture for Export	Satisfactory
10	477063-Export/9(3)2025	NEW PACK AGRO CHEM	Glyphosate 360 g/l SL	Name of Product to be exported: Glyphosate 360 g/l SL	Manufacture for Export	Satisfactory

				Name of the Firm/Agency in exporting country: Mbita Incorporated (Pvt) Ltd (Africa), Suite No.: 519, Fairmont Hotel Offices, World Trade Centre 1, Sheikh Zayed Road, Dubai, United Arab Emirate Quantity to be exported: 80000Ltr.		
11	477057-Export/9(3)2025	NEW PACK AGRO CHEM	IMIDACLOPRID 350 gl SC	Name of Product to be exported: IMIDACLOPRID 350 gl SC Name of the Firm/Agency in exporting country: Mbita Incorporated (Pvt) Ltd (Africa), Suite No.: 519, Fairmont Hotel Offices, World Trade Centre 1, Sheikh Zayed Road, Dubai, United Arab Emirate Quantity to be exported: 10000Ltr.	Manufacture for Export	Satisfactory
12	477064-Export/9(3)2025	NEW PACK AGRO CHEM	Tebuconazole 250 gl EC	Name of Product to be exported: Tebuconazole 250 gl EC Name of the Firm/Agency in exporting country: Mbita Incorporated (Pvt) Ltd (Africa), Suite No.: 519, Fairmont Hotel Offices, World Trade Centre 1, Sheikh Zayed Road, Dubai, United Arab Emirate Quantity to be exported: 10000Ltr.	Manufacture for Export	Satisfactory

13	477145-Export/9(3)2025	M/s Parijat Industries (India) Ltd	Cyproconazole Tech. 95% Min.	Name of Product to be imported: Cyproconazole Tech. 95% Min. Source of Import: M/S. JIANGSU FENGDENG CROP SCIENCE CO., LTD. ADDRESS: DENGGUAN MARKET TOWN, ZHIXI TOWN, JINTAN CITY, JIANGSU PROVINCE CHINA Name of supplier: M/S. HIGH HOPE ZHONGTIAN CORPORATION (ADD: 15 HUBU STREET, NANJING CHINA) Quantity to be imported: 345 Kg. Name of Product to be exported: Propiconazole 25% + Cyproconazole 80% Name of the Firm/Agency in exporting country: AQROSERVIS LTD (HH GROUP) AZ1102, KHIRDALAN-BINAGADI HIGHWAY, 34H BAKU, AZERBAIJAN Quantity to be exported: 4032 Ltr.	Import for Export	Satisfactory
14	478042-Export/9(3)2025	M/s Parijat Industries (India) Ltd	Flutriafol Technical 95.00% w/w Min.	Name of Product to be imported: Flutriafol Technical 95.00% w/w Min. Source of Import: M/S. JIANGSU FENGDENG CROP SCIENCE CO., LTD. ADDRESS: DENGGUAN MARKET TOWN, ZHIXI TOWN,	Import for Export	Satisfactory

				JINTAN CITY, JIANGSU PROVINCE CHINA Name of supplier: M/S. HIGH HOPE ZHONGTIAN CORPORATION (ADD: 15 HUBU STREET, NANJING CHINA) Quantity to be imported: 10175 Kg. Name of Product to be exported: Flutriafol 250g/l Name of the Firm/Agency in exporting country: OOO BELIN 115114,RUSSIA.EXT.TER.CITY ZAMOSKVORECHYE MUNICIPAL DISTRICT LETNIKOVSKAYA UL., 16, FL /ROOM /APT 7/1/28- 31 Quantity to be exported: 38280 Ltr.		
15	478097-Export/9(3)2025	United Phosphorus (India) LLP	Methoxyfenozide Technical (98.50% w/w Min.)	Name of Product to be imported: Methoxyfenozide Technical (98.50% w/w Min.) Source of Import: ShaoxingShangyu Xin Yinbang Biochemical Co., Ltd., No. 1, Weiwu Road, Hangzhou Bay Shangyu Economic And Technolog Development Area, Zhejiang, China. Name of supplier: NA Quantity to be imported: 44315 Kg of Methoxyfenozide Technical (98.50% w/w Min.)	Import for Export	Satisfactory

				Name of Product to be exported: Chlorantraniliprole 105 g/L + Methoxyfenozide 420 g/L SC Name of the Firm/Agency in exporting country: UPL DO BRASIL INDUSTRIA E COMERCIO DE INSUMOS AGROPECUARIOS S.A. CNPJ: 02.974.733/0003-14 Avenida Maeda, s/n Distrito Industrial Ituverava/SP CEP: 14500-000 Brazil. Quantity to be exported: 100000 L of Chlorantraniliprole 105 g/L + Methoxyfenozide 420 g/L SC)		
16	478205-Export/9(3)2025	United Phosphorus (India) LLP	Tebuconazole Technical (96.00% w/w Min.)	Name of Product to be imported: Tebuconazole Technical (96.00% w/w Min.) Source of Import: Liaoning Zhonghui Biotechnology Co., Ltd., (Fluorine Industry Development Zone) Yimatu Village, Yimatu Town, Fumeng County, Fuxin City, Liaoning Provinc, China. Name of supplier: Nanjing Bangnong Chemicals Co., Ltd. Room 1320-1322, No. 367 Erbanqiao, Gulou District, Nanjing, Jiangsu, China. Quantity to be imported: 96233 KG of Tebuconazole Technical (96.00% w/w Min.)	Import for Export	Satisfactory

				Name of Product to be exported: Azoxystrobin 200 g/L + Tebuconazole250 g/L SC Name of the Firm/Agency in exporting country: LLC "UPL", office 10, bld 1 4 floor, BolshayaTatarskaya St., 115184 Moscow, Russian federation. Quantity to be exported: 350000 L of Azoxystrobin 200 g/L + Tebuconazole250 g/L SC		
17	478179-Export/9(3)2025	United Phosphorus (India) LLP	Acetamiprid Technical (99.00% w/w Min.)	Name of Product to be imported: Acetamiprid Technical (99.00% w/w Min.) Source of Import: Lead Chemical Co., Ltd. Qingtongxia Industrial Park, Qingtongxia, Ningxia, China. Name of supplier: NA Quantity to be imported: 399899 KG of Acetamiprid Technical (99.00% w/w Min.) Name of Product to be exported: Acetamiprid 25% + Bifenthrin 25% WG Name of the Firm/Agency in exporting country: UPL DO BRASIL INDUSTRIA E COMERCIO DE INSUMOS AGROPECUARIOS S.A. CNPJ: 02.974.733/0003-14 Avenida Maeda, s/n Distrito Industrial Ituverava/SP CEP: 14500-000 Brazil.	Import for Export	Satisfactory

				Quantity to be exported: 1500000 KG of Acetamiprid 25% + Bifenthrin 25% WG		
18	478163-Export/9(3)2025	United Phosphorus (India) LLP	Prothioconazole Technical (97.00% w/w Min.)	Name of Product to be imported: Prothioconazole Technical (97.00% w/w Min.) Source of Import: Bayer AG, AlteHeerstrasse 2, 41540 Dormagen, Germany. Name of supplier: Bayer AG, Kaiser Wilhelm Allee 1, Leverkusen, Germany. Quantity to be imported: 399899 KG of Prothioconazole Technical (97.00% w/w Min.) Name of Product to be exported: Mancozeb 525 + Prothioconazole 37.5 + Azoxystrobin 37.5 g/kg WG Name of the Firm/Agency in exporting country: UPL DO BRASIL INDUSTRIA E COMERCIO DE INSUMOS AGROPECUARIOS S.A. CNPJ: 02.974.733/0003-14 Avenida Maeda, s/n Distrito Industrial Ituverava/SP CEP: 14500-000 Brazil. Quantity to be exported: 12000000 KG of Mancozeb 525 + Prothioconazole 37.5 + Azoxystrobin 37.5 g/kg WG	Import for Export	Satisfactory

19	477824-Export/9(3)2025	M/s Parijat Industries (India) Ltd	Prometryn Technical 96.00% w/w Min.	Name of Product to be imported: Prometryn Technical 96.00% w/w Min. Source of Import: M/S. HEBEI SHANLI CHEMICAL CO., LTD. ADD: EIGHTEENTH TEAM, ZHONGJIE FARM CHINA. Name of supplier: M/S HIGH HOPE ZHONGTIAN CORPORATION ADDRESS: 15 HUBU STREET, NANJING CHINA. Quantity to be imported: 20400 Kg of Prometryn Technical 96.00% w/w Min. Name of Product to be exported: Prometryn 500 g/l SC Name of the Firm/Agency in exporting country: OOO BELIN 115114,RUSSIA, MOSCOW, EXT.TER.CITY ZAMOSKVORECHYE MUNICIPAL DISTRICT LETNIKOVSKAYA UL., 16, FL /ROOM /APT 7/1/28- 31 Quantity to be exported: 38720 Ltr. of Prometryn 500 g/l SC	Import for Export	Satisfactory
20	477709-Export/9(3)2025	M/s Parijat Industries (India) Ltd	Cyproconazole Technical 95.00% w/w Min.	Name of Product to be imported: Cyproconazole Technical 95.00% w/w Min. Source of Import: M/S. JIANGSU FENGDENG CROP SCIENCE CO.,	Import for Export	Satisfactory

				LTD. ADDRESS: DENGGUAN MARKET TOWN, ZHIXI TOWN, JINTAN CITY, JIANGSU PROVINCE CHINA Name of supplier: M/S HIGH HOPE ZHONGTIAN CORPORATION ADDRESS: 15 HUBU STREET, NANJING CHINA. Quantity to be imported: 1725 kg Kg of Cyproconazole Technical 95.00% w/w Min. Name of Product to be exported: Propiconazole 25% + Cyproconazole 8% Name of the Firm/Agency in exporting country: OOO BELIN 115114,RUSSIA, MOSCOW, EXT.TER.CITY ZAMOSKVORECHYE MUNICIPAL DISTRICT LETNIKOVSKAYA UL., 16, FL /ROOM /APT 7/1/28- 31 Quantity to be exported: 20240 Ltr. of Propiconazole 25% + Cyproconazole 8%		
21	477527-Export/9(3)2025	M/s Parijat Industries (India) Ltd	Bentazone Technical 95.00% w/w Min.	Name of Product to be imported: Bentazone Technical 95.00% w/w Min. Source of Import: M/S. JIANGSU AGROCHEM LABORATORY CO., LTD. ADD: NO. 1218 NORTH CHANGJIANG ROAD, HI-TECH DEVELOPMENT ZONE,	Import for Export	Satisfactory

				CHANGZHOU, JIANGSU, CHINA. Name of supplier: M/S HIGH HOPE ZHONGTIAN CORPORATION ADDRESS: 15 HUBU STREET, NANJING CHINA. Quantity to be imported: 12775 Kg of Bentazone Technical 95.00% w/w Min. Name of Product to be exported: Bentazone 480g/l SL Name of the Firm/Agency in exporting country: OOO BELIN 115114,RUSSIA, MOSCOW, EXT.TER.CITY ZAMOSKVORECHYE MUNICIPAL DISTRICT LETNIKOVSKAYA UL., 16, FL /ROOM /APT 7/1/28- 31 Quantity to be exported: 25000 Ltr. of Bentazone 480g/l SL.		
22	476730-Export/9(3)2025	UPL Limited	MCPA Technical (95.00% w/w Min.)	Name of Product to be imported: MCPA Technical (95.00% w/w Min.) Name and address of source of import: Jiangsu Jiangu Chemical Co Ltd., No.35 Chengbei Road, Suqian City, Jiangsu Province, P. R. China. Supplier: Nanjing Bangnong Chemicals Co., Ltd., Room 1320-1322, Hai Xin Business Center, No. 367 Erbanqiao Road,	Import for Export	Satisfactory

				Gulou District, Nanjing City, Jiangsu province, China. Quantity to be imported: 4103 KG Name of Product to be exported: Propanil 600 g/Kg + MCPA 75 g/Kg WG Name of the Firm/Agency in exporting country: CIC Holdings PLC, CIC House, No.199, KEW Road, Colombo 02, Sri Lanka. Quantity to be exported: 48000 kg		
23	476741-Export/9(3)2025	M/s ShobikaaImpex Pvt. Ltd.	Chlorfenapyr 240 g/l SC	Name of Product to be imported: Chlorfenapyr 240 g/l SC Source of Import-Manufacturer: BASF Agricultural Solutions US LLC, Sparks, USA And BASF Crop Protection (JiangSu) Co. Ltd., Rudong, China Supplier Name: -BASF Agro B.V. Arnhem (NL) Freienbach Branch, Switzerland Quantity of Import: 2025-2026, 509342 L of Chlorfenapyr 240 g/L SC will be imported for 42 million Alphacypermethrin 0.24% w/w + Chlorfenapyr 0.48% w/w Insecticide Treated Nets to be exported . Name of Product to be exported: Alphacypermeth	Import for Export	Satisfactory

				rin 0.24% w/w + Chlorfenapyr 0.48% w/w Insecticide Treated Nets Name of the Firm/Agency in exporting country: BASF Agro BV Arnhem (NL), Freienbach Branch, 8808 Pfaffikon SZ, Switzerland Quantity to be exported: 2024-2025 – 42(4.2 Crores) Million Alphacypermethrin 0.24% w/w + Chlorfenapyr 0.48% w/w Insecticide Treated Nets.		
24	476721-Export/9(3)2025	ShobikaaImpex Pvt. Ltd	Alphacypermethrin 10% w/v SC	Name of Product to be imported: Alphacypermethrin 10% w/v SC Name of Product to be exported: Alphacypermethrin 0.24% w/w + Chlorfenapyr 0.48% w/w Insecticide Treated Nets Name of the Firm/Agency in exporting country: BASF Agro BV Arnhem (NL), Freienbach Branch, 8808 Pfaffikon SZ, Switzerland Quantity to be exported: 46 Million Insecticide treated nets Source of Import: BASF AGRI PRODUCTION, SAS, France Name of supplier: BASF Agro B.V. Arnhem (NL) Freienbach Branch, Switzerland Quantity to be imported: 617264 Litre	Import for Export	Satisfactory

25	476624-Export/9(3)2025	M/s ShobikaaImpex Pvt. Ltd.	Alphacypermethrin 0.24% w/w + Chlorfenapyr 0.48% w/w Insecticide Treated Nets	Name of Product to be exported: Alphacypermethrin 0.24% w/w + Chlorfenapyr 0.48% w/w Insecticide Treated Nets Name of the Firm/Agency in exporting country: BASF Agro BV Arnhem (NL), Freienbach Branch, 8808 Pfaffikon SZ, Switzerla Quantity to be exported: 2025-2026 – 42(4.2 Crores) Million Alphacypermethrin 0.24% w/w + Chlorfenapyr 0.48% w/w Insecticide Treated Nets	Manufacture for Export	Satisfactory
26	478281-Export/9(3)2025	FORWARD CROP PROTECTION PVT. LTD.	Emamectin Benzoate 20 g/l + Acetamiprid 50 g/l EC	Name of Product to be exported: Emamectin Benzoate 20 g/l + Acetamiprid 50 g/l EC Name of the Firm/Agency in exporting country: LONG FAT GLOBAL CO., LTD. PEGEEY Vietnam. Quantity to be exported:8000 L Formulation	Manufacture for Export	Satisfactory
27	478395-Export/9(3)2025	Indofil Industries Limited.	Profenofos 60% + Cypermethrin 12% w/v EC (Profenofos 600 g/L + Cypermethrin 120 g/L EC)	Name of Product to be exported: Profenofos 60% + Cypermethrin 12% w/v EC (Profenofos 600 g/L + Cypermethrin 120 g/L EC) Name of the Firm/Agency in exporting country :M/s- Dusti 80 LCC, Address- 64 Lenin Street, Istaravshan city Sughd Region,735620 Tajikistan Quantity to be exported: 8000 Litres	Manufacture for Export	Satisfactory

28	478394-Export/9(3)2025	Indofil Industries Limited.	Profenofos 40% + Cypermethrin 4% w/v EC (Profenofos 400 g/L + Cypermethrin 40 g/L EC)	Name of Product to be exported: Profenofos 40% + Cypermethrin 4% w/v EC (Profenofos 400 g/L + Cypermethrin 40 g/L EC) Name of the Firm/Agency in exporting country: Dusti 80 LCC, Address- 64 Lenin Street, Istaravshan city Sughd Region,735620 Tajikistan Quantity to be exported: 2000 Litres	Manufacture for Export	Satisfactory
29	478295-Export/9(3)2025	Indofil Industries Limited.	Profenofos 50% w/v EC (Profenofos 500 g/L EC)	Name of Product to be exported: Profenofos 50% w/v EC (Profenofos 500 g/L EC) Name of the Firm/Agency in exporting country: Dusti 80 LCC, Address- 64 Lenin Street, Istaravshan city Sughd Region,735620 Tajikistan Quantity to be exported: 4000 Litres	Manufacture for Export	Satisfactory
30	478408-Export/9(3)2025	ArystaLifeScience India Ltd.	Captan Technical (95.00 % w/w Min.)	Name of Product to be imported: Captan Technical (95.00 % w/w Min.) Source of Import: M/s Guangdong Greatchem Fine Chemical Co Ltd., No.10, New Material Industrial Park, Ruyuan Economic Development Zone, Rucheng Town, Ruyuan County, Shaoguan City, Guangdong Province, 512600, P.R. China Name of supplier: NA Quantity to be imported-860300 KG (860.3 MT)	Import for Export	Satisfactory

				Name of Product to be exported: (Captan 80% WG) Name of the Firm/Agency in exporting country: UPL NA, INC, 5 LABORATORY DR BLDG 1 STE 1100, DURHAM NC 27709-0012 USA. Quantity to be exported: 1000000 KG.(1000 MT)		
31	478484-Export/9(3)2025	ArystaLifeScience India Limited	Diflubenzuron Technical (98.00% w/w Min.)	Name of Product to be imported: Diflubenzuron Technical (98.00% w/w Min.) Source of Import: TaizhouBailly Chemical Co. Ltd., No.9, Zhonggang Road, Taixing Economic Developing Zone, Taixing City, Jiangsu Province, 225404 , P.R.China. Name of supplier: NA Quantity to be imported: 2030.5 KG of Diflubenzuron Technical (98.00% w/w Min.) Name of Product to be exported: Diflubenzuron 480 SC Name of the Firm/Agency in exporting country: UPL CHILE S. A., EL ROSAL 4610, HUECHURABA SANTIAGO, CHILE. RUT99575150-K Quantity to be exported: 4000 L of Diflubenzuron 480 SC	Import for Export	Satisfactory
32	478694-Export/9(3)2025	UPL Limited	Copper (Bordeaux mixture) 20% +	Name of Product to be exported: Copper	Manufacture for Export	Satisfactory

			Cymoxanil 4% WG	(Bordeaux mixture) 20% + Cymoxanil 4% WG Name of the Firm/Agency in exporting country: UPL ITALIA SRL, VIA TERNI 275, 47522 CESENA, FC ITALY. Quantity to be exported: 350,000 KG of Copper (Bordeaux mixture) 20% + Cymoxanil 4% WG		
33	478324-Export/9(3)2025	TEXIZA LABORATORIES LIMITED	BRONOPOL 30.00 % w/w Soluble Concentrate	Name of Product to be exported: BRONOPOL 30.00 % w/w Soluble Concentrate Name of the Firm/Agency in exporting country: Business International Group LLC, PO Box 111, Ghala, Muscat-111, Sultanate of Oman Quantity to be exported: 23800 KG of BRONOPOL 30.00 % w/w Soluble Concentrate/2-bromo-2-nitro-propane-1,3 diol-30%	Manufacture for Export	Satisfactory
34	479094-Export/9(3)2025	KrishiRasayan Exports Pvt. Ltd.	Profenofos 40%+ Lambdacyhalothrin 5% EC	Name of Product to be exported: Profenofos 40%+ Lambdacyhalothrin 5% EC Name of the Firm/Agency in exporting country: 1. ElwanAfriquiya CompanyAddress-1. Ghasar BIN Ghashir, Tripoli-Libya. P.O Box: 3150. VAT No.(TAX ID): 15-73136 Libya Quantity to be exported: 30000 liters	Manufacture for Export	Satisfactory
35	479126-Export/9(3)2025	SML Limited	Dithianon Technical 95.00% Min.	Name of Product to be imported: Dithianon Technical 95.00% Min.	Import for Export	Satisfactory

				Source of Import: M/s. Jiangxi Heyi Chemical Co., Ltd. Jishan Eco Industrial Park, Pengze County Jiujiagn City, Jiangxi Province, China Name of supplier: M/s. Nutrichem Co. Ltd. No. 27, Life Science Park Road, Changping Dist., Beiging 102206, P.R. China. Quantity to be imported: 3700 Kg of Dithianon Technical 95.00% Min. Name of Product to be exported: DITHIANON 70% WG Name of the Firm/Agency in exporting country: SML Tarim San. Ve Tic. Ltd. Sti. A Blok Apt. No: 18/801 Seyhan / Adana / MimarSemihRustem Is Merkezi Sit RestbeyMah. Ataturk Cad ADANA, 01120 Turkey Quantity to be exported: 5021 Kg of DITHIANON 70% WG		
36	470772-Export/9(3)2025	BASF India Limited	Quinclorac Technical 96% min	Name of Product to be imported: Quinclorac Technical 96% min Name and address of source of import: OCI Company Ltd., Republic of Korea Supplier: BASF SE, Carl-Bosch-Strasse 38,67056 Ludwigshafen, Germany Quantity to be imported: 1375 KG of Quinclorac Technical 96% min	Import for Export	Satisfactory

				Name of Product to be exported: Quinclorac 250 g/L SC Name of the Firm/Agency in exporting country: BASF Lanka (Pvt) Ltd., P. O. Box 2210, Colombo, Sri Lanka Quantity to be exported: 5280 L Formulation		
37	470773-Export/9(3)2025	BASF India Limited	Quinclorac 250 g/L SC	Name of Product to be exported: Quinclorac 250 g/L SC Name of the Firm/Agency in exporting country: BASF Lanka (Pvt) Ltd., P. O. Box 2210, Colombo, Sri Lanka Quantity to be exported: 5280 L Formulation	Manufacture for Export	Satisfactory
38	478621-Export/9(3)2025	GNP AGROSCIENCES PVT.LTD.	Gibberellic Acid 0.02% Powder	Name of Product to be exported: Gibberellic Acid 0.02% Powder Name of the Firm/Agency in exporting country: DNS CropcarePvt.Ltd Address-NO.4 - ISMAIL SIRRY ST. - (ARRAK TOWER) 3ND FLOOR - APARTMENT 202, SMOUHA, SIDI GABER, ALEXANDRIA GOVERNORATE, EGYPT Quantity to be exported:3000 L formulation Naphthalene Acetic Acid (NAA) 0.45% + Naphthalene Acetamide (NA) 1.2% +Gibberellic acid (GA) 0.020% powder	Manufacture for Export	Satisfactory
39	479156-Export/9(3)2025	UPL Limited	Azoxystrobin Technical (97.00% w/w Min.)	Name of Product to be imported: Azoxystrobin Technical (97.00% w/w Min.)	Import for Export	Satisfactory

				Source of Import: CAC Nantong Chemical Co., Ltd. Fourth Huanghai Road, Yangkou Chemical Industrial Park, Rudong County, Nantong City, Jiangsu Province, P.R. China. Name of supplier: Nantong Carmel Chemical Trading Co. Room 101, Building 14, Tongjiangyuan, HaimenSubdistrict, Haimen District, Nantong City, Jiangsu Province, China Quantity to be imported: 501900 KG of Azoxystrobin Technical (97.00% w/w Min.) Name of Product to be exported: 12000000 KG (Mancozeb 525 + Prothioconazole 37.5 + Azoxystrobin 37.5 g/kg WG) Name of the Firm/Agency in exporting country: UPL DO BRASIL INDUSTRIA E COMERCIO DE INSUMOS AGROPECUARIOS S.A. CNPJ: 02.974.733/0003-14 Avenida Maeda, s/n Distrito Industrial Ituverava/SP CEP: 14500-000 Brazil. Quantity to be exported: 12000000 KG (Mancozeb 525 + Prothioconazole 37.5 + Azoxystrobin 37.5 g/kg WG)		
40	479110-Export/9(3)2025	Tropical Agrosystem (India) Pvt. Ltd.	Mancozeb 80% WP	Name of Product to be exported: Mancozeb 80% WP	Manufacture for Export	Satisfactory

				Name of the Firm/Agency in exporting country: Agricura Private Limited, 62 Birmingham Road, Southerton, ZW-04 Harare, Zimbabwe Quantity to be exported: 800 KG of Mancozeb 80% WP		
41	479322-Export/9(3)2025	UPL Limited	Copper (Tri Basic Copper Sulfate) 15% + FosetylAluminium 20% WG	Name of Product to be exported: Copper (Tri Basic Copper Sulfate) 15% + Fosetyl Aluminium 20% WG Name of the Firm/Agency in exporting country: UPL ITALIA SRL, VIA TERNI 275, 47522 CESENA, FC ITALY. Quantity to be exported: 100,000 KG of Copper (Tri Basic Copper Sulfate) 15% + Fosetyl Aluminium 20% WG	Manufacture for Export	Satisfactory
42	479583-Export/9(3)2026	Agrow Allied Ventures Pvt Ltd	Clethodim 240 g/l EC	Name of Product to be imported: Clethodim 240 g/l EC Source of Import: M/s Hebei Lanrun Plant Protection Technology Co. Ltd. (Address- East side of the Nanjing Third road, Chemical Avenue, Lingang Development zone, Hebei Province PR China) Name of supplier: M/s Hebei Lanrun Plant Protection Technology Co. Ltd. (Address- East side of the Nanjing Third road, Chemical Avenue, Lingang Development zone, Hebei Province PR China)	Import for Export	Satisfactory

				Quantity to be imported: 60 MT (60000 Litres) Name of Product to be exported: Clethodim 240 g/l EC Name of the Firm/Agency in exporting country: Oxygen trading for Pesticide Centre, Talab Building, 5th Floor, Flat no.4, Khartoum North, Sudan Quantity to be exported: 60 MT (60000 Litres)		
43	479119-Export/9(3)2025	M/s Indofil Industries Ltd.	Difenconazole Technical 95.00% w/w Min.	Name of Product to be imported: Difenconazole Technical 95.00% w/w Min. Source of Import: Zhejiang Udragon Bioscience Co., Ltd. Address-No. 1 Fangjiadai Road, Haiyan Economic Development Zone, Haiyan, Zhejiang, Jiaxing City, China. Name of supplier: NA Quantity to be Imported:- 12350 KG. Difenconazole Technical 95.00% w/w Min. Name of Product to be exported: 1- Difenconazole 250 g/l, (NEODIF) and 2- Prothioconazole 250g/l + Difenconazole 130g/l (AVTAR) Name of the Firm/Agency in exporting country: INDOFIL INDUSTRIES (NETHERLANDS) B.V. Jollemanhof 22 1019 GW	Import for Export	Satisfactory

				Amsterdam The Netherlands Tel: 020 4895711 Fax: +31 (0)20 21 70 970 E_mail: indofilinlbv@indofil.com VAT Reg No. NL853852546B01 CoC No. 60309598 Netherlands Quantity to be exported:Total= 60,000 L (30,000 litres Difenconazole 250 g/l, (NEODIF) and 30,000 litres Prothioconazole 250g/l + Difenconazole 130g/l (AVTAR)		
44	479345-Export/9(3)2025	Sumitomo Chemical India Ltd.	Glyphosate Technical 95% Min	**Name of Product to be imported:** Glyphosate Technical 95% Min **Source of Import:**Hebei Yetian Agrochemicals Co Ltd., Industrial zone, South of Yuanshi County, Shijiazhuang, Hebei, China **Name of supplier:** Hebei Bestar Commerce and Trade Co., Ltd. 6-3-203 No.66 Dianda Street, Xinhua District, Shijiazhuang, Hebei, China **Quantity to be imported**: 6,92,684 Kg of Glyphosate Technical 95% Min **Name of Product to be exported**: Glyphosate (Glyphosate 41% SL, quantity 1605000 ltr) **Name of the Firm/Agency in exporting country**: CONSIGNEE : TOP GUINEE S.A.R.L, BP	Import for Export	Satisfactory

				3380, A-Cote MadinaDispensaire, Commune De Matam, Conakry, Republique De Guinee NOTIFY PARTY : ROBUSTRADE DMCC, Office : 2507, JBC 4, Cluster N, Jumeirah Lake Towers, P.O. Box: 126513, Dubai **Quantity to be exported:** 1605000 Liters of Glyphosate 41% SL		
45	478421-Export/9(3)2025	IndogulfCropsciences Ltd	Haloxyfop-P-methyl 98% Min.	**Name of Product to be imported:** Haloxyfop-P-methyl 98% Min. **Source of Import:**Jaimusi Heilong Agricultural and Industrial Chemical Co., China (Address: 99, Shuanghe Road, Gaoxin District Jiamusi, Heilongjiang, China) **Name of supplier:** M/s China Jiangsu International chemical Co., ltd, 9F, No.199-1, Guoji Road, Qinhuai District, Nanjing 210022 Jiangsu province, China **Quantity to be imported**: 2400 Kg of Haloxyfop-P-Methyl 98% min **Name of Product to be exported**: Haloxyfop-P-Methyl 108 EC	Import for Export	Satisfactory

				Name of the Firm/Agency in exporting country: MezgebuDugumaDebessa /MDD Chemical products Importer/ Lafto Sub City Addis Ababa, Ethopia **Quantity to be exported:** 22400 L of Haloxyfop-P-Methyl 108 EC		

Annexure-6.112.1

RC deliberated the agenda and rejected the case as ATR from CIL received non-satisfactory & DNA fingerprinting report from ICAR-NBAIR, Mau as non-confirming.

Sr. no.	Application No.	Company name	Product name	Remarks
1.	449168-B/F/9(3)2024	Nabadurga Pesticides Pvt. LTd	Bacillus subtilis 2% AS	ATR non-satisfactory
2.	451717-B/F/9(3)2024	Jai Research and Biotech India Pvt. Ltd	Metarhizium anisopliae-1.5% LF	**ATR non-satisfactory, but, letter head of CIL letter mentioned satisfactory by mistake**
3.	462783-B/F/9(3)2025	4U2NV	Pseudomonas fluorescens 1.0% WP	ATR non-satisfactory
4.	462782-B/F/9(3)2025	4U2NV	Metarhizium anisopliae-1%WP	DNA fingerprinting report received non- satisfactory from NBAIM, Mau, UP

Annexure 8.1.1

9(4) FIM applications

S. No.	Application No.	Company Name	Product Name	Remark
1.	472017-F/9(4)2025	Excel Biotech Pvt. Ltd.	2,4-D amine salt 58% S.L.	Satisfactory
2.	474183-F/9(4)2025	DHAPU KRISHI RASAYAN	2,4-D amine salt 58% S.L.	Satisfactory
3.	474108-F/9(4)2025	UNIVERSAL AGRO TECH	2,4-D amine salt 58% S.L.	Satisfactory
4.	475057-F/9(4)2025	GROW SAFE SOLUTIONS	2,4-D amine salt 58% S.L.	Satisfactory
5.	476069-F/9(4)2025	Anand Agro Chemicals	2,4-D amine salt 58% S.L.	Satisfactory
6.	474871-F/9(4)2025	Nayra Crop Science	2,4-D amine salt 58% S.L.	Satisfactory
7.	475815-F/9(4)2025	Hari Om Agro	2,4-D amine salt 58% S.L.	Satisfactory
8.	475164-F/9(4)2025	Wizard Corporation	2,4-D Ethyl Ester 38% E.C. (Having 2,4-D, Acid 34% w/w)	Satisfactory
9.	474872-F/9(4)2025	Nayra Crop Science	2,4-D Ethyl Ester 38% E.C. (Having 2,4-D, Acid 34% w/w)	Satisfactory
10.	472707-F/9(4)2025	PCL Agrolife Private Limited	2,4-D Sodium salt 44% + Metribuzin 35% + Pyrazosulfuron ethyl 1.0 % WDG	Satisfactory
11.	474026-F/9(4)2025	MODERN AGRIGENETICS LIMITED	ABAMECTIN 1.9% EC	Satisfactory
12.	473857-F/9(4)2025	Nutrienty Crop Care Private Limited	ABAMECTIN 1.9% EC	Satisfactory
13.	474109-F/9(4)2025	UNIVERSAL AGRO TECH	ABAMECTIN 1.9% EC	Satisfactory
14.	474454-F/9(4)2025	Trycon Crop Science Pvt Ltd	ABAMECTIN 1.9% EC	Satisfactory
15.	475750-F/9(4)2025	MIRACLE CROP CARE	ABAMECTIN 1.9% EC	Satisfactory
16.	475058-F/9(4)2025	GROW SAFE SOLUTIONS	ABAMECTIN 1.9% EC	Satisfactory
17.	475416-F/9(4)2025	VANDE CROP CARE LIMITED	ABAMECTIN 1.9% EC	Satisfactory
18.	475824-F/9(4)2025	Hari Om Agro	ABAMECTIN 1.9% EC	Satisfactory
19.	476467-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	ABAMECTIN 1.9% EC	Satisfactory
20.	476423-F/9(4)2025	INDOCHEM AGROVET PVT LTD	ABAMECTIN 1.9% EC	Satisfactory
21.	473151-F/9(4)2025	BHARAT CHEMICALS INDUSTRIES	Acephate 50% + Bifenthrin 10% WDG	Satisfactory
22.	474583-F/9(4)2025	Willowood Chemicals Ltd.	Acephate 50% + Fipronil 5% WDG	Satisfactory
23.	474674-F/9(4)2025	Plantix Crop Care	Acephate 50% +Imidacloprid 1.8% SP	Satisfactory
24.	474460-F/9(4)2025	Trycon Crop Science Pvt Ltd	Acephate 50% +Imidacloprid 1.8% SP	Satisfactory
25.	475059-F/9(4)2025	GROW SAFE SOLUTIONS	Acephate 50% +Imidacloprid 1.8% SP	Satisfactory
26.	475060-F/9(4)2025	GROW SAFE SOLUTIONS	Acephate 75% SP	Satisfactory
27.	474873-F/9(4)2025	Nayra Crop Science	Acephate 75% SP	Satisfactory
28.	475097-F/9(4)2025	Aagatti International Chemicals Private Limited	Acephate 95% SG (w/w)	Satisfactory
29.	475061-F/9(4)2025	GROW SAFE SOLUTIONS	Acephate 95% SG (w/w)	Satisfactory
30.	474185-F/9(4)2025	DHAPU KRISHI RASAYAN	Acetamiprid 20% SP	Satisfactory
31.	474808-F/9(4)2025	Jyothir Agriscience Private Limited	Acetamiprid 20% SP	Satisfactory
32.	474110-F/9(4)2025	UNIVERSAL AGRO TECH	Acetamiprid 20% SP	Satisfactory
33.	475751-F/9(4)2025	MIRACLE CROP CARE	Acetamiprid 20% SP	Satisfactory
34.	475062-F/9(4)2025	GROW SAFE SOLUTIONS	Acetamiprid 20% SP	Satisfactory
35.	475417-F/9(4)2025	VANDE CROP CARE LIMITED	Acetamiprid 20% SP	Satisfactory

36.	474874-F/9(4)2025	Nayra Crop Science	Acetamiprid 20% SP	Satisfactory
37.	475826-F/9(4)2025	Hari Om Agro	Acetamiprid 20% SP	Satisfactory
38.	476415-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Acetamiprid 20% SP	Satisfactory
39.	474675-F/9(4)2025	Plantix Crop Care	Acetamiprid 25% + Bifenthrin 25% WG	Satisfactory
40.	476207-F/9(4)2025	BAJRANG RASAYAN	ALPHA NAPTHYL ACETIC ACID 4.5% SL	Satisfactory
41.	475573-F/9(4)2025	Poorva Chemtech Pvt.Ltd.	ALPHA NAPTHYL ACETIC ACID 4.5% SL	Satisfactory
42.	476268-F/9(4)2025	Penta Crop Science Industries	ALPHA NAPTHYL ACETIC ACID 4.5% SL	Satisfactory
43.	474810-F/9(4)2025	Jyothir Agriscience Private Limited	Alphacypermethrin 10% EC	Satisfactory
44.	475240-F/9(4)2025	PENTA PHARMA PVT LTD	Alphacypermethrin 10% EC	Satisfactory
45.	474875-F/9(4)2025	Nayra Crop Science	Alphacypermethrin 10% EC	Satisfactory
46.	475693-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Alphacypermethrin 10% EC	Satisfactory
47.	475418-F/9(4)2025	VANDE CROP CARE LIMITED	Alphacypermethrin 10% SC	Satisfactory
48.	473997-F/9(4)2025	GCS AGRO ENTERPRISES	Alphamethrin 10% EC	Satisfactory
49.	475252-F/9(4)2025	Heranba Organics Private Limited	Aluminium Phosphide 56% (f) Tablet	Satisfactory
50.	474156-F/9(4)2025	Malay Enterprise	Ametryn 80% WG	Satisfactory
51.	473507-F/9(4)2025	Swastik Agri Science	Ametryn 80% WG	Satisfactory
52.	475165-F/9(4)2025	Wizard Corporation	Ametryn 80% WG	Satisfactory
53.	471427- F/9(4)2025	Acufine Lifesciences Private Limited	Ametryn80%WG	Satisfactory
54.	474130-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Ammonium Salt of Glyphosate 71% SG	Satisfactory
55.	474186-F/9(4)2025	DHAPU KRISHI RASAYAN	Ammonium Salt of Glyphosate 71% SG	Satisfactory
56.	473858-F/9(4)2025	Nutrienty Crop Care Private Limited	Ammonium Salt of Glyphosate 71% SG	Satisfactory
57.	472627-F/9(4)2025	BRISBANE CHEMICALS	Ammonium Salt of Glyphosate 71% SG	Satisfactory
58.	475230-F/9(4)2025	Indus Crop Care Private Limited	Ammonium Salt of Glyphosate 71% SG	Satisfactory
59.	474336-F/9(4)2025	Trycon Crop Science Pvt Ltd	Ammonium Salt of Glyphosate 71% SG	Satisfactory
60.	475253-F/9(4)2025	Heranba Organics Private Limited	Ammonium Salt of Glyphosate 71% SG	Satisfactory
61.	471284-F/9(4)2025	LINEMARK CROP CARE	Ammonium Salt of Glyphosate 71% SG	Satisfactory
62.	475078-F/9(4)2025	GROW SAFE SOLUTIONS	Ammonium Salt of Glyphosate 71% SG	Satisfactory
63.	475752-F/9(4)2025	MIRACLE CROP CARE	Ammonium Salt of Glyphosate 71% SG	Satisfactory
64.	475419-F/9(4)2025	VANDE CROP CARE LIMITED	Ammonium Salt of Glyphosate 71% SG	Satisfactory
65.	476070-F/9(4)2025	Anand Agro Chemicals	Ammonium Salt of Glyphosate 71% SG	Satisfactory
66.	474876-F/9(4)2025	Nayra Crop Science	Ammonium Salt of Glyphosate 71% SG	Satisfactory
67.	475330-F/9(4)2025	DEV AGROTECH	Ammonium Salt of Glyphosate 71% SG	Satisfactory
68.	469002-F/9(4)2025	HRIDHAAN CROP SCIENCES	Ammonium Salt of Glyphosate 71% SG	Satisfactory
69.	475831-F/9(4)2025	Hari Om Agro	Ammonium Salt of Glyphosate 71% SG	Satisfactory
70.	476412-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Ammonium Salt of Glyphosate 71% SG	Satisfactory
71.	467494-F/9(4)2025	NEW INDIA PESTICIDES	Ammonium Salt of Glyphosate 71% SG	Satisfactory
72.	467494- F/9(4)2025	NEW INDIA PESTICIDES	Ammonium Salt of Glyphosate 71% SG	Satisfactory

73.	474776-F/9(4)2025	Neelagro Organics Private Limited	Atrazine 50% W.P.	Satisfactory
74.	474977-F/9(4)2025	S.S. Agro Industries	Atrazine 50% W.P.	Satisfactory
75.	474812-F/9(4)2025	Jyothir Agriscience Private Limited	Atrazine 50% W.P.	Satisfactory
76.	475231-F/9(4)2025	Indus Crop Care Private Limited	Atrazine 50% W.P.	Satisfactory
77.	474634-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Atrazine 50% W.P.	Satisfactory
78.	472018-F/9(4)2025	Excel Biotech Pvt. Ltd.	Atrazine 50% W.P.	Satisfactory
79.	476072-F/9(4)2025	Anand Agro Chemicals	Atrazine 50% W.P.	Satisfactory
80.	474877-F/9(4)2025	Nayra Crop Science	Atrazine 50% W.P.	Satisfactory
81.	475837-F/9(4)2025	Hari Om Agro	Atrazine 50% W.P.	Satisfactory
82.	476468-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Atrazine 50% W.P.	Satisfactory
83.	467722-F/9(4)2025	NEW INDIA PESTICIDES	Atrazine 50% W.P.	Satisfactory
84.	467722- F/9(4)2025	NEW INDIA PESTICIDES	Atrazine 50% W.P.	Satisfactory
85.	476405-F/9(4)2025	HRIDHAAN CROP SCIENCES	ATRAZINE 50% WP	Satisfactory
86.	434899-F/9(4)2023	WELPACK AGRO INDUSTRIES	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
87.	471614-F/9(4)2025	BIOZYNE CROP GUARD	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
88.	473860-F/9(4)2025	Nutrienty Crop Care Private Limited	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
89.	474112-F/9(4)2025	UNIVERSAL AGRO TECH	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
90.	475268-F/9(4)2025	CENTRAL BIOTECH PRIVATE LIMITED	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
91.	475232-F/9(4)2025	Indus Crop Care Private Limited	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
92.	475265-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
93.	474508-F/9(4)2025	Trycon Crop Science Pvt Ltd	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
94.	475567-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
95.	475420-F/9(4)2025	VANDE CROP CARE LIMITED	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
96.	474880-F/9(4)2025	Nayra Crop Science	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
97.	476133-F/9(4)2025	AG Industries	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
98.	475838-F/9(4)2025	Hari Om Agro	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
99.	453764-F/9(4)2024	PRISTINE AGRO LTD	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
100.	474676-F/9(4)2025	Plantix Crop Care	AZOXYSTROBIN 11.5% + MANCOZEB 30% w/w WP	Satisfactory
101.	474113-F/9(4)2025	UNIVERSAL AGRO TECH	AZOXYSTROBIN 11.5% + MANCOZEB 30% w/w WP	Satisfactory
102.	474619-F/9(4)2025	Amigo Crop Science Private limited	Azoxystrobin 12.5% + Tebuconazole 12.5% SC for indigenous manufacture	Satisfactory
103.	474814-F/9(4)2025	Jyothir Agriscience Private Limited	Azoxystrobin 12.5% + Tebuconazole 12.5% SC for indigenous manufacture	Satisfactory
104.	475065-F/9(4)2025	GROW SAFE SOLUTIONS	Azoxystrobin 12.5% + Tebuconazole 12.5% SC for indigenous manufacture	Satisfactory
105.	473736-F/9(4)2025	Global Agri Ventures	Azoxystrobin 12.5% + Tebuconazole 12.5% SC for indigenous manufacture	Satisfactory
106.	472072-F/9(4)2025	Nova Agri Sciences Pvt Ltd	Azoxystrobin 120 g/L + Tebuconazole 240 g/L SC	Satisfactory
107.	474535-F/9(4)2025	Amigo Crop Science Private limited	AZOXYSTROBIN 16.7 % + TRICYCLAZOLE 33.3% SC	Satisfactory

108.	474815-F/9(4)2025	Jyothir Agriscience Private Limited	AZOXYSTROBIN 16.7 % + TRICYCLAZOLE 33.3% SC	Satisfactory
109.	471476-F/9(4)2025	TAIWAN CROP CHEMICAL	Azoxystrobin 18.2% + Cyproconazole 7.3% SC	Satisfactory
110.	474416-F/9(4)2025	Northern Insecticides Pvt. Ltd.	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
111.	434930-F/9(4)2023	WELPACK AGRO INDUSTRIES	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
112.	472870-F/9(4)2025	Saffire Crop Science Private Limited	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
113.	474531-F/9(4)2025	Amigo Crop Science Private limited	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
114.	472038-F/9(4)2025	Excel Biotech Pvt. Ltd.	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
115.	474773-F/9(4)2025	Neelagro Organics Private Limited	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
116.	474816-F/9(4)2025	Jyothir Agriscience Private Limited	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
117.	475269-F/9(4)2025	CENTRAL BIOTECH PRIVATE LIMITED	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
118.	475264-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
119.	474344-F/9(4)2025	DEV AGROTECH	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
120.	474829-F/9(4)2025	CROP FIELD SCIENCE	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
121.	471288-F/9(4)2025	LINEMARK CROP CARE	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
122.	475565-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
123.	475753-F/9(4)2025	MIRACLE CROP CARE	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
124.	475063-F/9(4)2025	GROW SAFE SOLUTIONS	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
125.	475421-F/9(4)2025	VANDE CROP CARE LIMITED	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
126.	476073-F/9(4)2025	Anand Agro Chemicals	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
127.	469011-F/9(4)2025	HRIDHAAN CROP SCIENCES	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
128.	475842-F/9(4)2025	Hari Om Agro	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
129.	476411-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
130.	471428- F/9(4)2025	Acufine Lifesciences Private Limited	Azoxystrobin 2.5% + Thiophanate methyl 11.25% + Thiamethoxam25%FS	Satisfactory
131.	474612-F/9(4)2025	Amigo Crop Science Private limited	Azoxystrobin 2.5% + Thiophanate methyl 11.25% + Thiamethoxam 25% FS	Satisfactory

132.	474677-F/9(4)2025	Plantix Crop Care	Azoxystrobin 2.5% + Thiophanate methyl 11.25% + Thiamethoxam 25% FS	Satisfactory
133.	474827-F/9(4)2025	CROP FIELD SCIENCE	Azoxystrobin 2.5% + Thiophanate methyl 11.25% + Thiamethoxam 25% FS	Satisfactory
134.	474346-F/9(4)2025	DEV AGROTECH	Azoxystrobin 2.5% + Thiophanate methyl 11.25% + Thiamethoxam 25% FS	Satisfactory
135.	475064-F/9(4)2025	GROW SAFE SOLUTIONS	Azoxystrobin 2.5% + Thiophanate methyl 11.25% + Thiamethoxam 25% FS	Satisfactory
136.	475422-F/9(4)2025	VANDE CROP CARE LIMITED	Azoxystrobin 2.5% + Thiophanate methyl 11.25% + Thiamethoxam 25% FS	Satisfactory
137.	475795-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Azoxystrobin 2.5% + Thiophanate methyl 11.25% + Thiamethoxam 25% FS	Satisfactory
138.	472406-F/9(4)2025	HI CHEM PESTICIDES INDIA	Azoxystrobin 2.5% + Thiophanate methyl 11.25% + Thiamethoxam 25% FS	Satisfactory
139.	469012-F/9(4)2025	HRIDHAAN CROP SCIENCES	Azoxystrobin 2.5% + Thiophanate methyl 11.25% + Thiamethoxam 25% FS	Satisfactory
140.	473254-F/9(4)2025	ARYSTO CROP PROTECTION PVT LTD	Azoxystrobin 20% + Thifluzamide 15% w/v SC	Satisfactory
141.	474631-F/9(4)2025	VINSENT CROP SCIENCE CHEMICAL PVT LTD	Azoxystrobin 20% + Thifluzamide 15% w/v SC	Satisfactory
142.	474700-F/9(4)2025	Heranba Industries Limited	Azoxystrobin 20% + Thifluzamide 15% w/v SC	Satisfactory
143.	474982-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Azoxystrobin 20% + Thifluzamide 15% w/v SC	Satisfactory
144.	474959-F/9(4)2025	Indian Agri Science Pvt. Ltd.	Azoxystrobin 20% + Thifluzamide 15% w/v SC	Satisfactory
145.	435022-F/9(4)2023	WELPACK AGRO INDUSTRIES	Azoxystrobin 20% + Thifluzamide 15% w/v SC	Satisfactory
146.	474551-F/9(4)2025	CORUM CROPSCIENCES	Azoxystrobin 20% + Thifluzamide 15% w/v SC	Satisfactory
147.	473547-F/9(4)2025	Galaxy Crop Care Pvt. Ltd	Azoxystrobin 20% + Thifluzamide 15% w/v SC	Satisfactory
148.	474621-F/9(4)2025	Amigo Crop Science Private limited	Azoxystrobin 23% SC for indigenous manufacture	Satisfactory
149.	471289-F/9(4)2025	LINEMARK CROP CARE	Azoxystrobin 23% SC for indigenous manufacture	Satisfactory
150.	475564-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Azoxystrobin 23% SC for indigenous manufacture	Satisfactory
151.	474882-F/9(4)2025	Nayra Crop Science	Azoxystrobin 23% SC for indigenous manufacture	Satisfactory
152.	474678-F/9(4)2025	Plantix Crop Care	AZOXYSTROBIN 4.8% w/w + CHLOROTHALONIL 40.0% w/w SC	Satisfactory
153.	473015-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	AZOXYSTROBIN 4.8% w/w + CHLOROTHALONIL 40.0% w/w SC	Satisfactory
154.	474828-F/9(4)2025	CROP FIELD SCIENCE	AZOXYSTROBIN 4.8% w/w + CHLOROTHALONIL 40.0% w/w SC	Satisfactory
155.	475423-F/9(4)2025	VANDE CROP CARE LIMITED	AZOXYSTROBIN 4.8% w/w + CHLOROTHALONIL 40.0% w/w SC	Satisfactory
156.	476469-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	AZOXYSTROBIN 4.8% w/w + CHLOROTHALONIL 40.0% w/w SC	Satisfactory
157.	474813-F/9(4)2025	Jyothir Agriscience Private Limited	AZOXYSTROBIN 7.1% + PROPICONAZOLE 11.9 % W/W SE	Satisfactory
158.	474879-F/9(4)2025	Nayra Crop Science	Azoxystrobin 8.3% + Mancozeb 66.7% WG for indigenous manufacture	Satisfactory
159.	471430- F/9(4)2025	Acufine Lifesciences Private Limited	Azoxystrobin20%+	Satisfactory

			Thifluzamide 15% w/v SC	
160.	471429- F/9(4)2025	Acufine Lifesciences Private Limited	AZOXYSTROBIN4.8% w/w+ CHLOROTHALONIL 40.0% w/w SC	Satisfactory
161.	476250-F/9(4)2025	Srikar Biotech Private Limited	Bensulfuron Methyl 0.6 % + Pretilachlor 6 % GR (Ready mix)	Satisfactory
162.	475832-F/9(4)2025	Tagros Chemicals India Private Limited	Benzpyrimoxan 10% + Pymetrozine 20% WG	Satisfactory
163.	475648-F/9(4)2025	Arqivo Crop Solutions Pvt Ltd	Benzpyrimoxan 10% + Pymetrozine 20% WG	Satisfactory
164.	475424-F/9(4)2025	VANDE CROP CARE LIMITED	Betacyfluthrin 8.49% w/w + Imidacloprid 19.81% w/w OD	Satisfactory
165.	475802-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Bifenazate 22.6% w/w (240 g/l) SC	Satisfactory
166.	475819-F/9(4)2025	Ichiban Crop Science Limited	Bifenazate 22.6% w/w (240 g/l) SC	Satisfactory
167.	475066-F/9(4)2025	GROW SAFE SOLUTIONS	Bifenthrin 10% EC w/w	Satisfactory
168.	474883-F/9(4)2025	Nayra Crop Science	Bifenthrin 10% EC w/w	Satisfactory
169.	475844-F/9(4)2025	Hari Om Agro	Bifenthrin 10% EC w/w	Satisfactory
170.	476409-F/9(4)2025	SHAIL AGRO ORGANIC PRIVATE LIMITED	Bifenthrin 10% EC w/w	Satisfactory
171.	476446-F/9(4)2025	Graphene Crop Science	Bifenthrin 10% EC w/w	Satisfactory
172.	392549-F/9(4)2022	Nav Durga Agroscience Pvt. Ltd	Bifenthrin 10% EC w/w	Satisfactory
173.	467728- F/9(4)2025	NEW INDIA PESTICIDES	Bifenthrin 10% EC w/w	Satisfactory
174.	467727- F/9(4)2025	NEW INDIA PESTICIDES	BIFENTHRIN 3% + CHLORPYRIPHOS 30% EC	Satisfactory
175.	474152-F/9(4)2025	Malay Enterprise	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
176.	474793-F/9(4)2025	Rushabh Crop Science	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
177.	475011-F/9(4)2025	Sterling Agrichem Pvt Ltd	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
178.	475118-F/9(4)2025	MODESTO CROP PROTECTION PVT. LTD.	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
179.	475115-F/9(4)2025	Excel Biotech Pvt. Ltd.	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
180.	471368-F/9(4)2025	TAIWAN CROP CHEMICAL	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
181.	475788-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
182.	475426-F/9(4)2025	VANDE CROP CARE LIMITED	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
183.	471175-F/9(4)2025	BIOSIGNATURE CROP PRIVATE LIMITED	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
184.	467728-F/9(4)2025	NEW INDIA PESTICIDES	Bifenthrin10%EC w/w	Satisfactory
185.	467727-F/9(4)2025	NEW INDIA PESTICIDES	BIFENTHRIN3%+ CHLORPYRIPHOS 30% EC	Satisfactory
186.	474119-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Bispyribac sodium 10% w/v SC	Satisfactory
187.	474542-F/9(4)2025	Excel Biotech Pvt. Ltd.	Bispyribac sodium 10% w/v SC	Satisfactory
188.	474817-F/9(4)2025	Jyothir Agriscience Private Limited	Bispyribac sodium 10% w/v SC	Satisfactory
189.	475067-F/9(4)2025	GROW SAFE SOLUTIONS	Bispyribac sodium 10% w/v SC	Satisfactory
190.	475427-F/9(4)2025	VANDE CROP CARE LIMITED	Bispyribac sodium 10% w/v SC	Satisfactory
191.	474884-F/9(4)2025	Nayra Crop Science	Bispyribac sodium 10% w/v SC	Satisfactory
192.	476139-F/9(4)2025	AG Industries	Bispyribac sodium 10% w/v SC	Satisfactory
193.	475846-F/9(4)2025	Hari Om Agro	Bispyribac sodium 10% w/v SC	Satisfactory
194.	476470-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Bispyribac sodium 10% w/v SC	Satisfactory
195.	453777-F/9(4)2024	PRISTINE AGRO LTD	Bispyribac sodium 10% w/v SC	Satisfactory

196.	471369-F/9(4)2025	TAIWAN CROP CHEMICAL	BISPYRIBAC SODIUM 20% + PYRAZOSULFURON ETHYL 15% WDG	Satisfactory
197.	471431- F/9(4)2025	Acufine Lifesciences Private Limited	BISPYRIBAC SODIUM 20% + PYRAZOSULFURON ETHYL 15% WDG	Satisfactory
198.	474561-F/9(4)2025	MERCBEX CHEMICAL SCIENCE LLP	Bispyribac sodium 38% + Chlorimuron Ethyl 2.5% + Metsulfuron Methyl 2.5% WG	Satisfactory
199.	475055-F/9(4)2025	NACL Industries Limited	Bispyribac sodium 38% + Chlorimuron Ethyl 2.5% + Metsulfuron Methyl 2.5% WG	Satisfactory
200.	474347-F/9(4)2025	Willowood Chemicals Ltd.	Bispyribac Sodium 7.6% + Fenoxaprop-p-ethyl 11.4% w/w WG	Satisfactory
201.	474907-F/9(4)2025	M/s PI KUMIAI PRIVATE LIMITED.	Bispyribac Sodium 7.6% + Fenoxaprop-p-ethyl 11.4% w/w WG	Satisfactory
202.	474983-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Bispyribac Sodium 9.5% + Penoxsulam 7.8% w/v SC	Satisfactory
203.	474679-F/9(4)2025	Plantix Crop Care	Boscalid 25.2% + Pyraclostrobin 12.8% WG	Satisfactory
204.	474984-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Boscalid 25.2% + Pyraclostrobin 12.8% WG	Satisfactory
205.	475834-F/9(4)2025	Tagros Chemicals India Private Limited	Boscalid 25.2% + Pyraclostrobin 12.8% WG	Satisfactory
206.	475775-F/9(4)2025	Darrick Insecticides Ltd.	Boscalid 25.2% + Pyraclostrobin 12.8% WG	Satisfactory
207.	474401-F/9(4)2025	Ichiban Crop Science Limited	Broflanilide 300g/l SC	Satisfactory
208.	474278-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Broflanilide 300g/l SC	Satisfactory
209.	475790-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Broflanilide 300g/l SC	Satisfactory
210.	474114-F/9(4)2025	UNIVERSAL AGRO TECH	Buprofenzin 15% + Acephate 35% WP for indigenous manufacture	Satisfactory
211.	475068-F/9(4)2025	GROW SAFE SOLUTIONS	Buprofenzin 15% + Acephate 35% WP for indigenous manufacture	Satisfactory
212.	475429-F/9(4)2025	VANDE CROP CARE LIMITED	Buprofenzin 15% + Acephate 35% WP for indigenous manufacture	Satisfactory
213.	474885-F/9(4)2025	Nayra Crop Science	Buprofenzin 15% + Acephate 35% WP for indigenous manufacture	Satisfactory
214.	476333-F/9(4)2025	Penta Crop Science Industries	Buprofenzin 15% + Acephate 35% WP for indigenous manufacture	Satisfactory
215.	471432- F/9(4)2025	Acufine Lifesciences Private Limited	Buprofenzin15%+ Acephate35%WPfor indigenousmanufacture	Satisfactory
216.	476471-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Buprofezin 20% + Acephate 50% (w/w) WP for indigenous manufacture	Satisfactory
217.	474365-F/9(4)2025	Willowood Chemicals Ltd.	BUPROFEZIN 23.1% W/W + FIPRONIL 3.85% W/W SC	Satisfactory
218.	474115-F/9(4)2025	UNIVERSAL AGRO TECH	Buprofezin 25% SC	Satisfactory
219.	463446-F/9(4)2025	SAFAL AGRO CHEMICALS	Butachlor 50% EC	Satisfactory
220.	469016-F/9(4)2025	HRIDHAAN CROP SCIENCES	Butachlor 50% EW	Satisfactory
221.	474680-F/9(4)2025	Plantix Crop Care	Captan 50% W.P.	Satisfactory
222.	474886-F/9(4)2025	Nayra Crop Science	Captan 50% W.P.	Satisfactory
223.	476238-F/9(4)2025	M/s Parijat Industries (India) Ltd	Captan 50% W.P.	Satisfactory
224.	474818-F/9(4)2025	Jyothir Agriscience Private Limited	Captan 70%+ Hexaconazole 5% WP	Satisfactory
225.	472039-F/9(4)2025	Excel Biotech Pvt. Ltd.	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
226.	473861-F/9(4)2025	Nutrienty Crop Care Private Limited	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
227.	474187-F/9(4)2025	DHAPU KRISHI RASAYAN	Carbendazim 12% + Mancozeb 63% WP	Satisfactory

228.	474819-F/9(4)2025	Jyothir Agriscience Private Limited	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
229.	474637-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
230.	471290-F/9(4)2025	LINEMARK CROP CARE	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
231.	475754-F/9(4)2025	MIRACLE CROP CARE	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
232.	475069-F/9(4)2025	GROW SAFE SOLUTIONS	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
233.	475431-F/9(4)2025	VANDE CROP CARE LIMITED	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
234.	476074-F/9(4)2025	Anand Agro Chemicals	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
235.	474887-F/9(4)2025	Nayra Crop Science	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
236.	475848-F/9(4)2025	Hari Om Agro	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
237.	474335-F/9(4)2025	DEV AGROTECH	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
238.	469046-F/9(4)2025	HRIDHAAN CROP SCIENCES	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
239.	476414-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
240.	474740-F/9(4)2025	Amigo Crop Science Private limited	Carbendazim 46.27 % SC	Satisfactory
241.	473758-F/9(4)2025	UNITY CROP CARE	Carbendazim 50% WP	Satisfactory
242.	475070-F/9(4)2025	GROW SAFE SOLUTIONS	Carbendazim 50% WP	Satisfactory
243.	475825-F/9(4)2025	Tagros Chemicals India Private Limited	Carbofuran 3% C.G.	Satisfactory
244.	475854-F/9(4)2025	Hari Om Agro	Carbofuran 3% C.G.	Satisfactory
245.	474820-F/9(4)2025	Jyothir Agriscience Private Limited	Carbosulfan 25% EC	Satisfactory
246.	476303-F/9(4)2025	Srikar Biotech Private Limited	Carboxin 17.5% + Thiram 17.5% FF	Satisfactory
247.	475071-F/9(4)2025	GROW SAFE SOLUTIONS	Carboxin 37.5% + Thiram 37.5% WS	Satisfactory
248.	475432-F/9(4)2025	VANDE CROP CARE LIMITED	Carboxin 37.5% + Thiram 37.5% WS	Satisfactory
249.	476291-F/9(4)2025	Srikar Biotech Private Limited	Carboxin 37.5% + Thiram 37.5% WS	Satisfactory
250.	474417-F/9(4)2025	Northern Insecticides Pvt. Ltd.	Carfentrazone ethyl 40% DF	Satisfactory
251.	474591-F/9(4)2025	TROPICAL AGROSYSTEM (INDIA) PVT. LTD.	Carfentrazone ethyl 40% DF	Satisfactory
252.	475845-F/9(4)2025	India Chemicals and Fertilizers	Carfentrazone ethyl 40% DF	Satisfactory
253.	475812-F/9(4)2025	Agro Care.	Carfentrazone ethyl 40% DF	Satisfactory
254.	475793-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Carfentrazone-ethyl 0.43% + Glyphosate 30.82% EW	Satisfactory
255.	470621- F/9(4)2025	Shree ram crop science	CARTAP HYDROCHLORIDE 4% + FIPRONIL 0.5% CG	Satisfactory
256.	474188-F/9(4)2025	DHAPU KRISHI RASAYAN	Cartap Hydrochloride 4% GR	Satisfactory
257.	474821-F/9(4)2025	Jyothir Agriscience Private Limited	Cartap Hydrochloride 4% GR	Satisfactory
258.	475233-F/9(4)2025	Indus Crop Care Private Limited	Cartap Hydrochloride 4% GR	Satisfactory
259.	475072-F/9(4)2025	GROW SAFE SOLUTIONS	Cartap Hydrochloride 4% GR	Satisfactory
260.	475855-F/9(4)2025	Hari Om Agro	Cartap Hydrochloride 4% GR	Satisfactory
261.	476421-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Cartap Hydrochloride 4% GR	Satisfactory
262.	474822-F/9(4)2025	Jyothir Agriscience Private Limited	Cartap Hydrochloride 50% SP	Satisfactory
263.	475234-F/9(4)2025	Indus Crop Care Private Limited	Cartap Hydrochloride 50% SP	Satisfactory
264.	474830-F/9(4)2025	CROP FIELD SCIENCE	Cartap Hydrochloride 50% SP	Satisfactory
265.	475073-F/9(4)2025	GROW SAFE SOLUTIONS	Cartap Hydrochloride 50% SP	Satisfactory

266.	475433-F/9(4)2025	VANDE CROP CARE LIMITED	Cartap Hydrochloride 50% SP	Satisfactory
267.	475856-F/9(4)2025	Hari Om Agro	Cartap Hydrochloride 50% SP	Satisfactory
268.	476428-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Cartap Hydrochloride 50% SP	Satisfactory
269.	471433- F/9(4)2025	Acufine Lifesciences Private Limited	Cartap Hydrochloride 50% SP	Satisfactory
270.	474681-F/9(4)2025	Plantix Crop Care	Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% GR	Satisfactory
271.	474800-F/9(4)2025	Rushabh Crop Science	Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% GR	Satisfactory
272.	469733-F/9(4)2025	Nabadurga Pesticides Private Limited	Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% GR	Satisfactory
273.	461497-F/9(4)2025	PRISTINE AGRO LTD	Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% GR	Satisfactory
274.	474651-F/9(4)2025	MATRIX CHEMTECH PVT LTD	Cartap Hydrochloride 75% SG	Satisfactory
275.	471434- F/9(4)2025	Acufine Lifesciences Private Limited	CHLORANTRANILIPROLE 0.4%w/wGR	Satisfactory
276.	473862-F/9(4)2025	Nutrienty Crop Care Private Limited	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
277.	473016-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
278.	474823-F/9(4)2025	Jyothir Agriscience Private Limited	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
279.	473639-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
280.	475295-F/9(4)2025	IHI Cropscience Private Limited	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
281.	471292-F/9(4)2025	LINEMARK CROP CARE	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
282.	475434-F/9(4)2025	VANDE CROP CARE LIMITED	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
283.	476211-F/9(4)2025	BAJRANG RASAYAN	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
284.	475857-F/9(4)2025	Hari Om Agro	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
285.	469062-F/9(4)2025	HRIDHAAN CROP SCIENCES	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
286.	476327-F/9(4)2025	Penta Crop Science Industries	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
287.	476472-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
288.	473122-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Chlorantraniliprole 0.53% + Fipronil 0.8% GR	Satisfactory
289.	475004-F/9(4)2025	Willowood Chemicals Ltd.	Chlorantraniliprole 0.53% + Fipronil 0.8% GR	Satisfactory
290.	475786-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Chlorantraniliprole 0.53% + Fipronil 0.8% GR	Satisfactory
291.	473936-F/9(4)2025	Aqua Crop Chemicals Pvt Ltd	Chlorantraniliprole 0.53% + Fipronil 0.8% GR	Satisfactory
292.	472874-F/9(4)2025	Saffire Crop Science Private Limited	Chlorantraniliprole 18.5% w/w SC	Satisfactory
293.	473864-F/9(4)2025	Nutrienty Crop Care Private Limited	Chlorantraniliprole 18.5% w/w SC	Satisfactory
294.	474189-F/9(4)2025	DHAPU KRISHI RASAYAN	Chlorantraniliprole 18.5% w/w SC	Satisfactory
295.	474777-F/9(4)2025	Neelagro Organics Private Limited	Chlorantraniliprole 18.5% w/w SC	Satisfactory
296.	474843-F/9(4)2025	Jyothir Agriscience Private Limited	Chlorantraniliprole 18.5% w/w SC	Satisfactory
297.	475098-F/9(4)2025	Aagatti International Chemicals Private Limited	Chlorantraniliprole 18.5% w/w SC	Satisfactory
298.	473666-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Chlorantraniliprole 18.5% w/w SC	Satisfactory
299.	474353-F/9(4)2025	Trycon Crop Science Pvt Ltd	Chlorantraniliprole 18.5% w/w SC	Satisfactory
300.	475561-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Chlorantraniliprole 18.5% w/w SC	Satisfactory
301.	475755-F/9(4)2025	MIRACLE CROP CARE	Chlorantraniliprole 18.5% w/w SC	Satisfactory
302.	475075-F/9(4)2025	GROW SAFE SOLUTIONS	Chlorantraniliprole 18.5% w/w SC	Satisfactory

303.	475435-F/9(4)2025	VANDE CROP CARE LIMITED	Chlorantraniliprole 18.5% w/w SC	Satisfactory
304.	474888-F/9(4)2025	Nayra Crop Science	Chlorantraniliprole 18.5% w/w SC	Satisfactory
305.	475861-F/9(4)2025	Hari Om Agro	Chlorantraniliprole 18.5% w/w SC	Satisfactory
306.	475692-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Chlorantraniliprole 18.5% w/w SC	Satisfactory
307.	476332-F/9(4)2025	PUNJAB PESTICIDES INDUSTRIES PVT. LTD	Chlorantraniliprole 18.5% w/w SC	Satisfactory
308.	474149-F/9(4)2025	Malay Enterprise	Chlorantraniliprole 35% WG	Satisfactory
309.	474682-F/9(4)2025	Plantix Crop Care	Chlorantraniliprole 35% WG	Satisfactory
310.	475868-F/9(4)2025	Indogulf Cropsciences Limited	Chlorantraniliprole 35% WG	Satisfactory
311.	475560-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Chlorantraniliprole 35% WG	Satisfactory
312.	475166-F/9(4)2025	Wizard Corporation	Chlorantraniliprole 35% WG	Satisfactory
313.	476473-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Chlorantraniliprole 35% WG	Satisfactory
314.	471435- F/9(4)2025	Acufine Lifesciences Private Limited	Chlorantraniliprole 35% WG	Satisfactory
315.	472871-F/9(4)2025	Saffire Crop Science Private Limited	CHLORANTRANILIPROLE 4.3% w/w + ABAMECTIN 1.7% w/w SC	Satisfactory
316.	474629-F/9(4)2025	VINSENT CROP SCIENCE CHEMICAL PVT LTD	CHLORANTRANILIPROLE 4.3% w/w + ABAMECTIN 1.7% w/w SC	Satisfactory
317.	474424-F/9(4)2025	Best Industries	CHLORANTRANILIPROLE 4.3% w/w + ABAMECTIN 1.7% w/w SC	Satisfactory
318.	475562-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	CHLORANTRANILIPROLE 4.3% w/w + ABAMECTIN 1.7% w/w SC	Satisfactory
319.	475074-F/9(4)2025	GROW SAFE SOLUTIONS	CHLORANTRANILIPROLE 4.3% w/w + ABAMECTIN 1.7% w/w SC	Satisfactory
320.	475816-F/9(4)2025	Hari Om Agro	CHLORANTRANILIPROLE 4.3% w/w + ABAMECTIN 1.7% w/w SC	Satisfactory
321.	476474-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	CHLORANTRANILIPROLE 4.3% w/w + ABAMECTIN 1.7% w/w SC	Satisfactory
322.	471439 F/9(4)2025	Grace Bio Care Pvt Ltd	Chlorantraniliprole 47.8%SC	Satisfactory
323.	474331-F/9(4)2025	PRASHANT AGRIC SERVICES	Chlorantraniliprole 47.85% SC	Satisfactory
324.	472766-F/9(4)2025	DEV AGRO (INDIA) CHEMICALS & FERTILIZERS LTD.	Chlorantraniliprole 47.85% SC	Satisfactory
325.	474148-F/9(4)2025	Malay Enterprise	Chlorantraniliprole 47.85% SC	Satisfactory
326.	472705-F/9(4)2025	PCL Agrolife Private Limited	Chlorantraniliprole 47.85% SC	Satisfactory
327.	467849-F/9(4)2025	Triveni Insecticides Private Limited	Chlorantraniliprole 47.85% SC	Satisfactory
328.	474702-F/9(4)2025	Heranba Industries Limited	Chlorantraniliprole 47.85% SC	Satisfactory
329.	474963-F/9(4)2025	Indian Agri Science Pvt. Ltd.	Chlorantraniliprole 47.85% SC	Satisfactory
330.	474441-F/9(4)2025	Aqua Crop Chemicals Pvt Ltd	Chlorantraniliprole 47.85% SC	Satisfactory
331.	475464-F/9(4)2025	Wizard Corporation	Chlorantraniliprole 47.85% SC	Satisfactory
332.	476021-F/9(4)2025	Krushi Crop Science.	Chlorantraniliprole 47.85% SC	Satisfactory
333.	476475-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Chlorantraniliprole 47.85% SC	Satisfactory
334.	470300- F/9(4)2025	Shree ram crop science	Chlorantraniliprole 47.85% SC	Satisfactory
335.	474485-F/9(4)2025	Indogulf Cropsciences Limited	Chlorantraniliprole 50% FS	Satisfactory
336.	474562-F/9(4)2025	MERCBEX CHEMICAL SCIENCE LLP	Chlorantraniliprole 50% FS	Satisfactory
337.	474909-F/9(4)2025	AYUSHI CROP SCIENCE PVT LTD.	CHLORANTRANILIPROLE 8.8% + THIAMETHOXAM 17.5% SC	Satisfactory
338.	473951-F/9(4)2025	Aqua Crop Chemicals Pvt Ltd	CHLORANTRANILIPROLE 8.8% + THIAMETHOXAM 17.5% SC	Satisfactory
339.	473642-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	CHLORANTRANILIPROLE 8.8% + THIAMETHOXAM 17.5% SC	Satisfactory
340.	473738-F/9(4)2025	Global Agri Ventures	CHLORANTRANILIPROLE 8.8% + THIAMETHOXAM 17.5% SC	Satisfactory
341.	476330-F/9(4)2025	S.S. Agro Industries	CHLORANTRANILIPROLE 8.8% + THIAMETHOXAM 17.5% SC	Satisfactory

342.	476019-F/9(4)2025	Krushi Crop Science.	CHLORANTRANILIPROLE 8.8% + THIAMETHOXAM 17.5% SC	Satisfactory
343.	476476-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	CHLORANTRANILIPROLE 8.8% + THIAMETHOXAM 17.5% SC	Satisfactory
344.	472872-F/9(4)2025	Saffire Crop Science Private Limited	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
345.	474190-F/9(4)2025	DHAPU KRISHI RASAYAN	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
346.	474426-F/9(4)2025	Best Industries	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
347.	474778-F/9(4)2025	Neelagro Organics Private Limited	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
348.	474683-F/9(4)2025	Plantix Crop Care	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
349.	474844-F/9(4)2025	Jyothir Agriscience Private Limited	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
350.	475263-F/9(4)2025	CENTRAL BIOTECH PRIVATE LIMITED	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
351.	473760-F/9(4)2025	UNITY CROP CARE	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
352.	474831-F/9(4)2025	CROP FIELD SCIENCE	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
353.	473644-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
354.	475394-F/9(4)2025	RalphAgro Rasayan Private Limited	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
355.	475737-F/9(4)2025	Trycon Crop Science Pvt Ltd	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
356.	475436-F/9(4)2025	VANDE CROP CARE LIMITED	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
357.	475852-F/9(4)2025	BHARAT CHEMICALS INDUSTRIES	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
358.	475858-F/9(4)2025	Hari Om Agro	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
359.	476324-F/9(4)2025	S.S. Agro Industries	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
360.	469064-F/9(4)2025	HRIDHAAN CROP SCIENCES	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
361.	476477-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
362.	474845-F/9(4)2025	Jyothir Agriscience Private Limited	Chlorfenapyr 10% SC	Satisfactory
363.	475167-F/9(4)2025	Wizard Corporation	Chlorfenapyr 10% SC	Satisfactory
364.	476478-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Chlorfenapyr 10% SC	Satisfactory
365.	475099-F/9(4)2025	Aagatti International Chemicals Private Limited	Chlorfenapyr 240 g/l SC	Satisfactory
366.	475469-F/9(4)2025	Wizard Corporation	Chlorfenapyr 240 g/l SC	Satisfactory
367.	474224-F/9(4)2025	Global Agri Ventures	Chlorfluazuron 5.4% EC	Satisfactory
368.	470085-F/9(4)2025	Agro Care.	Chlorimuron Ethyl 25% WP	Satisfactory
369.	474741-F/9(4)2025	Amigo Crop Science Private limited	Chlorimuron Ethyl 25% WP	Satisfactory
370.	474986-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Chlorimuron Ethyl 25% WP	Satisfactory
371.	475168-F/9(4)2025	Wizard Corporation	Chlorimuron Ethyl 25% WP	Satisfactory
372.	474146-F/9(4)2025	Malay Enterprise	Chlormequat Chloride 50% Sol.	Satisfactory
373.	474352-F/9(4)2025	Aqua Crop Chemicals Pvt Ltd	Chlormequat Chloride 50% Sol.	Satisfactory
374.	474684-F/9(4)2025	Plantix Crop Care	Chlorothalonil 40.0% + Difenoconazole 4.0% SC	Satisfactory
375.	475122-F/9(4)2025	MODESTO CROP PROTECTION PVT. LTD.	Chlorothalonil 40.0% + Difenoconazole 4.0% SC	Satisfactory
376.	475116-F/9(4)2025	Excel Biotech Pvt. Ltd.	Chlorothalonil 75% WP	Satisfactory
377.	474890-F/9(4)2025	Nayra Crop Science	Chlorothalonil 75% WP	Satisfactory
378.	471437- F/9(4)2025	Acufine Lifesciences Private Limited	Chlorothalonil75%WP	Satisfactory

379.	475242-F/9(4)2025	PENTA PHARMA PVT LTD	Chlorpyrifos 16% + Alphacypermethrin 1% E.C	Satisfactory
380.	476103-F/9(4)2025	GROW SAFE SOLUTIONS	Chlorpyrifos 16% + Alphacypermethrin 1% E.C	Satisfactory
381.	475236-F/9(4)2025	Indus Crop Care Private Limited	Chlorpyrifos 50% E.C.	Satisfactory
382.	474892-F/9(4)2025	Nayra Crop Science	Chlorpyrifos 50% E.C.	Satisfactory
383.	476106-F/9(4)2025	GROW SAFE SOLUTIONS	Chlorpyrifos 50% E.C.	Satisfactory
384.	476140-F/9(4)2025	AG Industries	Chlorpyrifos 50% E.C.	Satisfactory
385.	475237-F/9(4)2025	Indus Crop Care Private Limited	Chlorpyriphos 10% GR	Satisfactory
386.	476429-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Chlorpyriphos 10% GR	Satisfactory
387.	474191-F/9(4)2025	DHAPU KRISHI RASAYAN	Chlorpyriphos 20%E.C	Satisfactory
388.	473017-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Chlorpyriphos 20%E.C	Satisfactory
389.	475438-F/9(4)2025	VANDE CROP CARE LIMITED	Chlorpyriphos 20%E.C	Satisfactory
390.	474891-F/9(4)2025	Nayra Crop Science	Chlorpyriphos 20%E.C	Satisfactory
391.	476104-F/9(4)2025	GROW SAFE SOLUTIONS	Chlorpyriphos 20%E.C	Satisfactory
392.	475860-F/9(4)2025	Hari Om Agro	Chlorpyriphos 20%E.C	Satisfactory
393.	476408-F/9(4)2025	SHAIL AGRO ORGANIC PRIVATE LIMITED	Chlorpyriphos 20%E.C	Satisfactory
394.	476463-F/9(4)2025	Graphene Crop Science	Chlorpyriphos 20%E.C	Satisfactory
395.	474521-F/9(4)2025	SIMRANFERTILIZERSLLP	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
396.	474192-F/9(4)2025	DHAPU KRISHI RASAYAN	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
397.	474780-F/9(4)2025	Neelagro Organics Private Limited	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
398.	474846-F/9(4)2025	Jyothir Agriscience Private Limited	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
399.	475239-F/9(4)2025	Indus Crop Care Private Limited	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
400.	475558-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
401.	475756-F/9(4)2025	MIRACLE CROP CARE	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
402.	475439-F/9(4)2025	VANDE CROP CARE LIMITED	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
403.	476075-F/9(4)2025	Anand Agro Chemicals	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
404.	474893-F/9(4)2025	Nayra Crop Science	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
405.	476105-F/9(4)2025	GROW SAFE SOLUTIONS	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
406.	476145-F/9(4)2025	AG Industries	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
407.	476416-F/9(4)2025	SHAIL AGRO ORGANIC PRIVATE LIMITED	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
408.	476521-F/9(4)2025	Hari Om Agro	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
409.	476450-F/9(4)2025	Graphene Crop Science	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
410.	475922-F/9(4)2025	ERA FORMULATION	CHLORPYRIPHOS 75% WG	Satisfactory
411.	473018-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Clethodim 25 % w/w (240 g/l) EC	Satisfactory
412.	474847-F/9(4)2025	Jyothir Agriscience Private Limited	Clethodim 25 % w/w (240 g/l) EC	Satisfactory
413.	471370-F/9(4)2025	TAIWAN CROP CHEMICAL	Clethodim 25 % w/w (240 g/l) EC	Satisfactory
414.	476465-F/9(4)2025	Omkar Agri Global Pvt Ltd	Clethodim 25 % w/w (240 g/l) EC	Satisfactory
415.	474685-F/9(4)2025	Plantix Crop Care	Clodinafop - Propargyl 15% WP	Satisfactory
416.	473668-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Clodinafop - Propargyl 15% WP	Satisfactory

417.	475440-F/9(4)2025	VANDE CROP CARE LIMITED	Clodinafop - Propargyl 15% WP	Satisfactory
418.	474894-F/9(4)2025	Nayra Crop Science	Clodinafop - Propargyl 15% WP	Satisfactory
419.	475866-F/9(4)2025	Hari Om Agro	Clodinafop - Propargyl 15% WP	Satisfactory
420.	473447-F/9(4)2025	MODERN AGRIGENETICS LIMITED	Clodinafop Propargyl 15% + Metsulfuron Methyl 1% WP	Satisfactory
421.	473670-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Clodinafop Propargyl 15% + Metsulfuron Methyl 1% WP	Satisfactory
422.	475076-F/9(4)2025	GROW SAFE SOLUTIONS	Clodinafop Propargyl 15% + Metsulfuron Methyl 1% WP	Satisfactory
423.	475442-F/9(4)2025	VANDE CROP CARE LIMITED	Clodinafop Propargyl 15% + Metsulfuron Methyl 1% WP	Satisfactory
424.	475077-F/9(4)2025	GROW SAFE SOLUTIONS	Clodinafop Propargyl 9% + Metribuzin 20% WP	Satisfactory
425.	475124-F/9(4)2025	NACL Industries Limited	Clomazone 20% w/w + 2,4-D Ethyl Ester 30% w/w EC Ready Mix.	Satisfactory
426.	474143-F/9(4)2025	Malay Enterprise	Clothianidin 50 % WG	Satisfactory
427.	474686-F/9(4)2025	Plantix Crop Care	Clothianidin 50 % WG	Satisfactory
428.	475304-F/9(4)2025	Agrico Organics Limited	Clothianidin 50 % WG	Satisfactory
429.	475398-F/9(4)2025	Amigo Crop Science Private limited	Clothianidin 50 % WG	Satisfactory
430.	475785-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Clothianidin 50 % WG	Satisfactory
431.	471173-F/9(4)2025	BIOSIGNATURE CROP PRIVATE LIMITED	Clothianidin 50 % WG	Satisfactory
432.	474507-F/9(4)2025	Amigo Crop Science Private limited	Copper Hydroxide 77% WP	Satisfactory
433.	475827-F/9(4)2025	Tagros Chemicals India Private Limited	Copper Hydroxide 77% WP	Satisfactory
434.	475446-F/9(4)2025	VANDE CROP CARE LIMITED	Copper Hydroxide 77% WP	Satisfactory
435.	474504-F/9(4)2025	Amigo Crop Science Private limited	Copper Oxychloride containing copper contents 50.00% w/w WP	Satisfactory
436.	474193-F/9(4)2025	DHAPU KRISHI RASAYAN	Copper Oxychloride containing copper contents 50.00% w/w WP	Satisfactory
437.	474848-F/9(4)2025	Jyothir Agriscience Private Limited	Copper Oxychloride containing copper contents 50.00% w/w WP	Satisfactory
438.	474116-F/9(4)2025	UNIVERSAL AGRO TECH	Copper Oxychloride containing copper contents 50.00% w/w WP	Satisfactory
439.	473761-F/9(4)2025	UNITY CROP CARE	Copper Oxychloride containing copper contents 50.00% w/w WP	Satisfactory
440.	475447-F/9(4)2025	VANDE CROP CARE LIMITED	Copper Oxychloride containing copper contents 50.00% w/w WP	Satisfactory
441.	475871-F/9(4)2025	Hari Om Agro	Copper Oxychloride containing copper contents 50.00% w/w WP	Satisfactory
442.	476479-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Copper Oxychloride containing copper contents 50.00% w/w WP	Satisfactory
443.	476302-F/9(4)2025	Srikar Biotech Private Limited	Copper Sulphate 47.15% + Mancozeb 30% WDG for indigenous manufacture	Satisfactory
444.	475821-F/9(4)2025	Ichiban Crop Science Limited	Copper Sulphate Pentahydrate 23.99% w/v SC (containing copper content 6% w/v)	Satisfactory
445.	475830-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Copper Sulphate Pentahydrate 23.99% w/v SC (containing copper content 6% w/v)	Satisfactory
446.	475577-F/9(4)2025	Poorva Chemtech Pvt.Ltd.	Copper Sulphate Pentahydrate 23.99% w/v SC (containing copper content 6% w/v)	Satisfactory
447.	468737-F/9(4)2025	Sydney Formulation And Chemicals.	Coumatetralyl 0.0375 % w/w (Bait)	Satisfactory
448.	474077-F/9(4)2025	Yogi Crop Science Private Limited	Coumatetralyl 0.0375 % w/w (Bait)	Satisfactory
449.	474965-F/9(4)2025	Indian Agri Science Pvt. Ltd.	Cyantraniliprole 10% + Pymetrozine 50% WG	Satisfactory
450.	476393-F/9(4)2025	BR Agrotech ltd	Cyantraniliprole 10% + Pymetrozine 50% WG	Satisfactory
451.	474503-F/9(4)2025	Amigo Crop Science Private limited	Cyantraniliprole 10.26% w/w OD	Satisfactory

452.	474141-F/9(4)2025	Malay Enterprise	Cyantraniliprole 10.26% w/w OD	Satisfactory
453.	474849-F/9(4)2025	Jyothir Agriscience Private Limited	Cyantraniliprole 10.26% w/w OD	Satisfactory
454.	473762-F/9(4)2025	UNITY CROP CARE	Cyantraniliprole 10.26% w/w OD	Satisfactory
455.	473978-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Cyantraniliprole 10.26% w/w OD	Satisfactory
456.	475783-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Cyantraniliprole 16.9% + Lufenuron 16.9% SC	Satisfactory
457.	474368-F/9(4)2025	Willowood Chemicals Ltd.	CYANTRANILIPROLE 19.8% + THIAMETHOXAM 19.8% FS	Satisfactory
458.	473980-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	CYANTRANILIPROLE 19.8% + THIAMETHOXAM 19.8% FS	Satisfactory
459.	476395-F/9(4)2025	BR Agrotech ltd	CYANTRANILIPROLE 19.8% + THIAMETHOXAM 19.8% FS	Satisfactory
460.	474371-F/9(4)2025	Willowood Chemicals Ltd.	Cyantraniliprole 48% w/w (Cyantraniliprole 60% w/v) (Cyantraniliprole 600 g/l FS)	Satisfactory
461.	475833-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Cyantraniliprole 48% w/w (Cyantraniliprole 60% w/v) (Cyantraniliprole 600 g/l FS)	Satisfactory
462.	475869-F/9(4)2025	Ichiban Crop Science Limited	Cyantraniliprole 48% w/w (Cyantraniliprole 60% w/v) (Cyantraniliprole 600 g/l FS)	Satisfactory
463.	476390-F/9(4)2025	BR Agrotech ltd	Cyantraniliprole 48% w/w (Cyantraniliprole 60% w/v) (Cyantraniliprole 600 g/l FS)	Satisfactory
464.	474362-F/9(4)2025	Willowood Chemicals Ltd.	Cyantraniliprole 7.3%w/w + Diafenthiuron 36.4%w/w SC (Cyantraniliprole 8% w/v + Diafenthiuron 40%w/v SC) (Cyantraniliprole 80 g/L + Diafenthiuron 400 g/L-480 SC)	Satisfactory
465.	474588-F/9(4)2025	Willowood Chemicals Ltd.	Cyazofamid 34.5% SC	Satisfactory
466.	475957-F/9(4)2025	Tagros Chemicals India Private Limited	Cyazofamid 34.5% SC	Satisfactory
467.	476090-F/9(4)2025	PERFECT SOLUTIONS	Cyazofamid 34.5% SC	Satisfactory
468.	474987-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Cyclaniliprole 9.3% w/w DC (Cyclaniliprole 10.0% w/v DC)	Satisfactory
469.	475789-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Cyclaniliprole 9.3% w/w DC (Cyclaniliprole 10.0% w/v DC)	Satisfactory
470.	476480-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Cymoxanil 50% WP for indigenous manufacture	Satisfactory
471.	472706-F/9(4)2025	PCL Agrolife Private Limited	Cymoxanil 8% + Mancozeb 64% WP	Satisfactory
472.	474687-F/9(4)2025	Plantix Crop Care	Cymoxanil 8% + Mancozeb 64% WP	Satisfactory
473.	472601-F/9(4)2025	Gujrat Pesticides Company	Cymoxanil 8% + Mancozeb 64% WP	Satisfactory
474.	475556-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Cymoxanil 8% + Mancozeb 64% WP	Satisfactory
475.	475081-F/9(4)2025	GROW SAFE SOLUTIONS	Cymoxanil 8% + Mancozeb 64% WP	Satisfactory
476.	474895-F/9(4)2025	Nayra Crop Science	Cymoxanil 8% + Mancozeb 64% WP	Satisfactory
477.	475878-F/9(4)2025	Hari Om Agro	Cymoxanil 8% + Mancozeb 64% WP	Satisfactory
478.	475924-F/9(4)2025	ERA FORMULATION	Cymoxanil 8% + Mancozeb 64% WP	Satisfactory
479.	476125-F/9(4)2025	Wagda Agro Industry	Cypermethrin 0.1% aqueous	Satisfactory
480.	475666-F/9(4)2025	Wagda Agro Industry	Cypermethrin 0.25% DP	Satisfactory
481.	474791-F/9(4)2025	Rushabh Crop Science	Cypermethrin 1% DP	Satisfactory
482.	475668-F/9(4)2025	Wagda Agro Industry	Cypermethrin 1% DP	Satisfactory
483.	475669-F/9(4)2025	Wagda Agro Industry	Cypermethrin 1.0% chalk	Satisfactory
484.	475256-F/9(4)2025	Heranba Organics Private Limited	Cypermethrin 10% E.C.	Satisfactory

485.	475555-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Cypermethrin 10% E.C.	Satisfactory
486.	474896-F/9(4)2025	Nayra Crop Science	Cypermethrin 10% E.C.	Satisfactory
487.	475690-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Cypermethrin 10% E.C.	Satisfactory
488.	474781-F/9(4)2025	Neelagro Organics Private Limited	Cypermethrin 25% E.C.	Satisfactory
489.	475257-F/9(4)2025	Heranba Organics Private Limited	Cypermethrin 25% E.C.	Satisfactory
490.	475757-F/9(4)2025	MIRACLE CROP CARE	Cypermethrin 25% E.C.	Satisfactory
491.	474897-F/9(4)2025	Nayra Crop Science	Cypermethrin 25% E.C.	Satisfactory
492.	475888-F/9(4)2025	Hari Om Agro	Cypermethrin 25% E.C.	Satisfactory
493.	476419-F/9(4)2025	SHAIL AGRO ORGANIC PRIVATE LIMITED	Cypermethrin 25% E.C.	Satisfactory
494.	474688-F/9(4)2025	Plantix Crop Care	Deltamethrin 1.8% E.C	Satisfactory
495.	475890-F/9(4)2025	Hari Om Agro	Deltamethrin 1.8% E.C	Satisfactory
496.	474850-F/9(4)2025	Jyothir Agriscience Private Limited	Deltamethrin 11% w/w EC	Satisfactory
497.	474117-F/9(4)2025	UNIVERSAL AGRO TECH	Deltamethrin 11% w/w EC	Satisfactory
498.	457599-F/9(4)2024	PIXELIN SCIENCES PRIVATE LIMITED	Deltamethrin 11% w/w EC	Satisfactory
499.	475671-F/9(4)2025	Bharat Rasayan Ltd	Deltamethrin 11% w/w EC	Satisfactory
500.	475758-F/9(4)2025	MIRACLE CROP CARE	Deltamethrin 11% w/w EC	Satisfactory
501.	475449-F/9(4)2025	VANDE CROP CARE LIMITED	Deltamethrin 11% w/w EC	Satisfactory
502.	474703-F/9(4)2025	MODESTO CROP PROTECTION PVT. LTD.	Deltamethrin 2.5 % FLOW	Satisfactory
503.	474194-F/9(4)2025	DHAPU KRISHI RASAYAN	Deltamethrin 2.5% W.P	Satisfactory
504.	455510-F/9(4)2024	PIXELIN SCIENCES PRIVATE LIMITED	Deltamethrin 2.8% EC	Satisfactory
505.	475689-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Deltamethrin 2.8% EC	Satisfactory
506.	474689-F/9(4)2025	Plantix Crop Care	Diafenthiuron 30% + Pyriproxyfen 8% SE	Satisfactory
507.	475241-F/9(4)2025	Indus Crop Care Private Limited	Diafenthiuron 30% + Pyriproxyfen 8% SE	Satisfactory
508.	475316-F/9(4)2025	IHI Cropscience Private Limited	Diafenthiuron 30% + Pyriproxyfen 8% SE	Satisfactory
509.	475452-F/9(4)2025	VANDE CROP CARE LIMITED	Diafenthiuron 30% + Pyriproxyfen 8% SE	Satisfactory
510.	445918-F/9(4)2024	GSP Crop Science Ltd.,	Diafenthiuron 30% + Pyriproxyfen 8% SE	Satisfactory
511.	445918- F/9(4)2024	Shree ram crop science	Diafenthiuron 30% + Pyriproxyfen 8% SE	Satisfactory
512.	476259-F/9(4)2025	Srikar Biotech Private Limited	DIAFENTHIURON 40.1% + ACETAMIPRID 3.9% WP	Satisfactory
513.	474329-F/9(4)2025	PRASHANT AGRIC SERVICES	DIAFENTHIURON 47% + BIFENTHRIN 9.4% SC	Satisfactory
514.	474029-F/9(4)2025	MODERN AGRIGENETICS LIMITED	DIAFENTHIURON 47% + BIFENTHRIN 9.4% SC	Satisfactory
515.	474690-F/9(4)2025	Plantix Crop Care	DIAFENTHIURON 47% + BIFENTHRIN 9.4% SC	Satisfactory
516.	474851-F/9(4)2025	Jyothir Agriscience Private Limited	DIAFENTHIURON 47% + BIFENTHRIN 9.4% SC	Satisfactory
517.	473019-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	DIAFENTHIURON 47% + BIFENTHRIN 9.4% SC	Satisfactory
518.	475243-F/9(4)2025	Indus Crop Care Private Limited	DIAFENTHIURON 47% + BIFENTHRIN 9.4% SC	Satisfactory
519.	474832-F/9(4)2025	CROP FIELD SCIENCE	DIAFENTHIURON 47% + BIFENTHRIN 9.4% SC	Satisfactory
520.	475707-F/9(4)2025	Asiatic Green Agrico Pvt Ltd	DIAFENTHIURON 47% + BIFENTHRIN 9.4% SC	Satisfactory
521.	475961-F/9(4)2025	Tagros Chemicals India Private Limited	DIAFENTHIURON 47% + BIFENTHRIN 9.4% SC	Satisfactory
522.	474852-F/9(4)2025	Jyothir Agriscience Private Limited	DIAFENTHIURON 47.8% w/w SC	Satisfactory

523.	473020-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	DIAFENTHIURON 47.8% w/w SC	Satisfactory
524.	475258-F/9(4)2025	Heranba Organics Private Limited	DIAFENTHIURON 47.8% w/w SC	Satisfactory
525.	474543-F/9(4)2025	Excel Biotech Pvt. Ltd.	Diafenthiuron 50% WP	Satisfactory
526.	474853-F/9(4)2025	Jyothir Agriscience Private Limited	Diafenthiuron 50% WP	Satisfactory
527.	475128-F/9(4)2025	GROW SAFE SOLUTIONS	Diafenthiuron 50% WP	Satisfactory
528.	475455-F/9(4)2025	VANDE CROP CARE LIMITED	Diafenthiuron 50% WP	Satisfactory
529.	474898-F/9(4)2025	Nayra Crop Science	Diafenthiuron 50% WP	Satisfactory
530.	471440- F/9(4)2025	Acufine Lifesciences Private Limited	Diafenthiuron50%WP	Satisfactory
531.	474413-F/9(4)2025	Willowood Chemicals Ltd.	Dicamba 48% w/v SL	Satisfactory
532.	471371-F/9(4)2025	TAIWAN CROP CHEMICAL	Diclosulam 84% WG	Satisfactory
533.	475457-F/9(4)2025	VANDE CROP CARE LIMITED	Diclosulam 84% WG	Satisfactory
534.	475169-F/9(4)2025	Wizard Corporation	Diclosulam 84% WG	Satisfactory
535.	466383-F/9(4)2025	Cocreate Global technologies private limited	Dicofol 18.5% E.C.	Rejected
536.	474775-F/9(4)2025	Neelagro Organics Private Limited	Difenoconazole 25% EC	Satisfactory
537.	435018-F/9(4)2023	WELPACK AGRO INDUSTRIES	Difenoconazole 25% EC	Satisfactory
538.	475893-F/9(4)2025	Hari Om Agro	Difenoconazole 25% EC	Satisfactory
539.	474418-F/9(4)2025	Willowood Chemicals Ltd.	Diflubenzuron 20% + Deltamethrin 2% SC for indigenous manufacture	Satisfactory
540.	474120-F/9(4)2025	UNIVERSAL AGRO TECH	Dimethoate 30% E.C	Satisfactory
541.	475735-F/9(4)2025	Trycon Crop Science Pvt Ltd	Dimethoate 30% E.C	Satisfactory
542.	475129-F/9(4)2025	GROW SAFE SOLUTIONS	Dimethoate 30% E.C	Satisfactory
543.	474901-F/9(4)2025	Nayra Crop Science	Dimethoate 30% E.C	Satisfactory
544.	473146-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Dimethomorph 12% + Pyraclostrobin 6.7% WG	Satisfactory
545.	472812-F/9(4)2025	Atul Limited	Dimethomorph 12% + Pyraclostrobin 6.7% WG	Satisfactory
546.	473609-F/9(4)2025	Nova Agri Sciences Pvt Ltd	Dimethomorph 12% + Pyraclostrobin 6.7% WG	Satisfactory
547.	473942-F/9(4)2025	Amish Cropsciences Pvt Ltd.	Dimethomorph 12% + Pyraclostrobin 6.7% WG	Satisfactory
548.	475389-F/9(4)2025	CHEMLEY AGRITECH PRIVATE LIMITED	Dimethomorph 12% + Pyraclostrobin 6.7% WG	Satisfactory
549.	475637-F/9(4)2025	NACL Industries Limited	Dimethomorph 12% + Pyraclostrobin 6.7% WG	Satisfactory
550.	474552-F/9(4)2025	CORUM CROPSCIENCES	Dimethomorph 12% + Pyraclostrobin 6.7% WG	Satisfactory
551.	476417-F/9(4)2025	ALSC PRIVATE LIMITED	Dimethomorph 12% + Pyraclostrobin 6.7% WG	Satisfactory
552.	474691-F/9(4)2025	Plantix Crop Care	Dimethomorph 50% WP	Satisfactory
553.	474782-F/9(4)2025	Neelagro Organics Private Limited	Dimethomorph 50% WP	Satisfactory
554.	475544-F/9(4)2025	Tagros Chemicals India Private Limited	Dimethomorph 50% WP	Satisfactory
555.	474553-F/9(4)2025	CORUM CROPSCIENCES	Dimethomorph 50% WP	Satisfactory
556.	471441- F/9(4)2025	Acufine Lifesciences Private Limited	Dimethomorph50%WP	Satisfactory
557.	474544-F/9(4)2025	Excel Biotech Pvt. Ltd.	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
558.	474063-F/9(4)2025	SIMRANFERTILIZERSLLP	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
559.	474692-F/9(4)2025	Plantix Crop Care	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
560.	474799-F/9(4)2025	Rushabh Crop Science	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
561.	474855-F/9(4)2025	Jyothir Agriscience Private Limited	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory

562.	472602-F/9(4)2025	Gujrat Pesticides Company	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
563.	475244-F/9(4)2025	Indus Crop Care Private Limited	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
564.	474638-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
565.	475639-F/9(4)2025	Sai Crop Science Pvt Ltd	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
566.	475554-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
567.	475130-F/9(4)2025	GROW SAFE SOLUTIONS	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
568.	475458-F/9(4)2025	VANDE CROP CARE LIMITED	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
569.	475792-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
570.	475925-F/9(4)2025	ERA FORMULATION	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
571.	476506-F/9(4)2025	M/s Techno Soilchem (I) Ltd.	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
572.	475896-F/9(4)2025	Hari Om Agro	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
573.	476159-F/9(4)2025	Sumoto Crop Science	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
574.	446770-F/9(4)2024	Agrilife Crop Protection	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
575.	472075-F/9(4)2025	ARYSTO CROP PROTECTION PVT LTD	DINOTEFURAN 20% W/W SG	Satisfactory
576.	434963-F/9(4)2023	WELPACK AGRO INDUSTRIES	DINOTEFURAN 20% W/W SG	Satisfactory
577.	474693-F/9(4)2025	Plantix Crop Care	DINOTEFURAN 20% W/W SG	Satisfactory
578.	474854-F/9(4)2025	Jyothir Agriscience Private Limited	DINOTEFURAN 20% W/W SG	Satisfactory
579.	471298-F/9(4)2025	LINEMARK CROP CARE	DINOTEFURAN 20% W/W SG	Satisfactory
580.	474367-F/9(4)2025	Trycon Crop Science Pvt Ltd	DINOTEFURAN 20% W/W SG	Satisfactory
581.	475131-F/9(4)2025	GROW SAFE SOLUTIONS	DINOTEFURAN 20% W/W SG	Satisfactory
582.	475460-F/9(4)2025	VANDE CROP CARE LIMITED	DINOTEFURAN 20% W/W SG	Satisfactory
583.	475898-F/9(4)2025	Hari Om Agro	DINOTEFURAN 20% W/W SG	Satisfactory
584.	474990-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Dinotefuran 5% + Ethion 50% EC	Satisfactory
585.	457641-F/9(4)2024	PIXELIN SCIENCES PRIVATE LIMITED	Dinotefuran 5% + Ethion 50% EC	Satisfactory
586.	475461-F/9(4)2025	VANDE CROP CARE LIMITED	Dinotefuran 5% + Ethion 50% EC	Satisfactory
587.	475781-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Dinotefuran 5% + Ethion 50% EC	Satisfactory
588.	474988-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Dinotefuran 70% WG	Satisfactory
589.	475552-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Dinotefuran 70% WG	Satisfactory
590.	475466-F/9(4)2025	Wizard Corporation	Dinotefuran 70% WG	Satisfactory
591.	457643-F/9(4)2024	PIXELIN SCIENCES PRIVATE LIMITED	Diuron 80 % W.P	Satisfactory
592.	468558-F/9(4)2025	Silver Crop Science Pvt. Ltd.	DODINE 40% SC	Satisfactory
593.	474966-F/9(4)2025	Indian Agri Science Pvt. Ltd.	Dodine 65% WP	Satisfactory
594.	475262-F/9(4)2025	Nabadurga Pesticides Private Limited	Dodine 65% WP	Satisfactory
595.	474783-F/9(4)2025	Neelagro Organics Private Limited	Emamectin Benzoate 1.5% + Fipronil 3.5% SC for indigenous manufacture	Satisfactory
596.	473021-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Emamectin Benzoate 1.5% + Fipronil 3.5% SC for indigenous manufacture	Satisfactory
597.	475134-F/9(4)2025	GROW SAFE SOLUTIONS	Emamectin Benzoate 1.5% + Fipronil 3.5% SC for indigenous manufacture	Satisfactory

598.	475759-F/9(4)2025	MIRACLE CROP CARE	Emamectin Benzoate 1.5% + Fipronil 3.5% SC for indigenous manufacture	Satisfactory
599.	475900-F/9(4)2025	Hari Om Agro	Emamectin Benzoate 1.5% + Fipronil 3.5% SC for indigenous manufacture	Satisfactory
600.	475481-F/9(4)2025	Sumoto Crop Science	Emamectin Benzoate 1.5% + Fipronil 3.5% SC for indigenous manufacture	Satisfactory
601.	474380-F/9(4)2025	DHAPU KRISHI RASAYAN	Emamectin Benzoate 1.9% EC	Satisfactory
602.	473865-F/9(4)2025	Nutrienty Crop Care Private Limited	Emamectin Benzoate 1.9% EC	Satisfactory
603.	474857-F/9(4)2025	Jyothir Agriscience Private Limited	Emamectin Benzoate 1.9% EC	Satisfactory
604.	473763-F/9(4)2025	UNITY CROP CARE	Emamectin Benzoate 1.9% EC	Satisfactory
605.	434968-F/9(4)2023	WELPACK AGRO INDUSTRIES	Emamectin Benzoate 1.9% EC	Satisfactory
606.	475133-F/9(4)2025	GROW SAFE SOLUTIONS	Emamectin Benzoate 1.9% EC	Satisfactory
607.	475760-F/9(4)2025	MIRACLE CROP CARE	Emamectin Benzoate 1.9% EC	Satisfactory
608.	475473-F/9(4)2025	VANDE CROP CARE LIMITED	Emamectin Benzoate 1.9% EC	Satisfactory
609.	474902-F/9(4)2025	Nayra Crop Science	Emamectin Benzoate 1.9% EC	Satisfactory
610.	476176-F/9(4)2025	TERRA GREEN CROP SCIENCE	Emamectin Benzoate 1.9% EC	Satisfactory
611.	475901-F/9(4)2025	Hari Om Agro	Emamectin Benzoate 1.9% EC	Satisfactory
612.	476149-F/9(4)2025	AG Industries	Emamectin Benzoate 1.9% EC	Satisfactory
613.	474139-F/9(4)2025	Malay Enterprise	EMAMECTIN BENZOATE 3.0% + THIAMETHOXAM 12.0% WG	Satisfactory
614.	475551-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	EMAMECTIN BENZOATE 3.0% + THIAMETHOXAM 12.0% WG	Satisfactory
615.	474381-F/9(4)2025	DHAPU KRISHI RASAYAN	Emamectin Benzoate 5% SG	Satisfactory
616.	473867-F/9(4)2025	Nutrienty Crop Care Private Limited	Emamectin Benzoate 5% SG	Satisfactory
617.	474350-F/9(4)2025	Omkar Overseas	Emamectin Benzoate 5% SG	Satisfactory
618.	474858-F/9(4)2025	Jyothir Agriscience Private Limited	Emamectin Benzoate 5% SG	Satisfactory
619.	472976-F/9(4)2025	Agrinova Biocare Private Limited	Emamectin Benzoate 5% SG	Satisfactory
620.	475132-F/9(4)2025	GROW SAFE SOLUTIONS	Emamectin Benzoate 5% SG	Satisfactory
621.	475761-F/9(4)2025	MIRACLE CROP CARE	Emamectin Benzoate 5% SG	Satisfactory
622.	476076-F/9(4)2025	Anand Agro Chemicals	Emamectin Benzoate 5% SG	Satisfactory
623.	474903-F/9(4)2025	Nayra Crop Science	Emamectin Benzoate 5% SG	Satisfactory
624.	475927-F/9(4)2025	Hari Om Agro	Emamectin Benzoate 5% SG	Satisfactory
625.	476014-F/9(4)2025	Pawan Agro Product Private Limited	Emamectin Benzoate 5% SG	Satisfactory
626.	476151-F/9(4)2025	AG Industries	Emamectin Benzoate 5% SG	Satisfactory
627.	476499-F/9(4)2025	M/s Techno Soilchem (I) Ltd.	Emamectin Benzoate 5% SG	Satisfactory
628.	473022-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Ethephon 39% S.L	Satisfactory
629.	474325-F/9(4)2025	PRASHANT AGRIC SERVICES	Ethion 40% + Cypermethrin 5% EC	Satisfactory
630.	474060-F/9(4)2025	SIMRANFERTILIZERSLLP	Ethion 40% + Cypermethrin 5% EC	Satisfactory
631.	474694-F/9(4)2025	Plantix Crop Care	Ethion 40% + Cypermethrin 5% EC	Satisfactory
632.	474859-F/9(4)2025	Jyothir Agriscience Private Limited	Ethion 40% + Cypermethrin 5% EC	Satisfactory
633.	475762-F/9(4)2025	MIRACLE CROP CARE	Ethion 40% + Cypermethrin 5% EC	Satisfactory
634.	475477-F/9(4)2025	VANDE CROP CARE LIMITED	Ethion 40% + Cypermethrin 5% EC	Satisfactory
635.	474904-F/9(4)2025	Nayra Crop Science	Ethion 40% + Cypermethrin 5% EC	Satisfactory
636.	475100-F/9(4)2025	Aagatti International Chemicals Private Limited	Ethion 50% EC	Satisfactory

637.	468559-F/9(4)2025	Silver Crop Science Pvt. Ltd.	Ethion 50% EC	Satisfactory
638.	474905-F/9(4)2025	Nayra Crop Science	Ethion 50% EC	Satisfactory
639.	474598-F/9(4)2025	Atharva Agrochemicals Pvt Ltd.	Ethiprole 10.7% + Pymetrozine 40% WG	Satisfactory
640.	474652-F/9(4)2025	MATRIX CHEMTECH PVT LTD	Ethiprole 10.7% + Pymetrozine 40% WG	Satisfactory
641.	474991-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Ethiprole 10.7% + Pymetrozine 40% WG	Satisfactory
642.	476706-F/9(4)2025	Indochem Agri Science Pvt. Ltd.	Ethiprole 10.7% + Pymetrozine 40% WG	Satisfactory
643.	471445- F/9(4)2025	Acufine Lifesciences Private Limited	Ethiprole10.7%+ Pymetrozine40%WG	Satisfactory
644.	474155-F/9(4)2025	Eagle Plant Protect Pvt. Ltd.	Etofenprox 10% EC	Satisfactory
645.	474469-F/9(4)2025	Ichiban Crop Science Limited	Etoxazole 10% SC	Satisfactory
646.	474277-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Etoxazole 10% SC	Satisfactory
647.	474158-F/9(4)2025	Eagle Plant Protect Pvt. Ltd.	Etoxazole 6% + Abamectin 1.5% SC	Satisfactory
648.	473023-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Etoxazole 6% + Abamectin 1.5% SC	Satisfactory
649.	474657-F/9(4)2025	MATRIX CHEMTECH PVT LTD	Fenazaquin 10% EC	Satisfactory
650.	474712-F/9(4)2025	Plantix Crop Care	Fenazaquin 10% EC	Satisfactory
651.	475170-F/9(4)2025	Wizard Corporation	Fenazaquin 10% EC	Satisfactory
652.	475171-F/9(4)2025	Wizard Corporation	FENAZAQUIN 18.3% SC	Satisfactory
653.	475019-F/9(4)2025	BASF Agricultural Solutions Operations India Pvt ltd	Fenmezoditiaz 200 g/l SC	Satisfactory
654.	474713-F/9(4)2025	Plantix Crop Care	Fenobucarb (B.P.M.C) 50% EC	Satisfactory
655.	474860-F/9(4)2025	Jyothir Agriscience Private Limited	Fenobucarb (B.P.M.C) 50% EC	Satisfactory
656.	474111-F/9(4)2025	UNIVERSAL AGRO TECH	Fenobucarb (B.P.M.C) 50% EC	Satisfactory
657.	435028-F/9(4)2023	WELPACK AGRO INDUSTRIES	Fenobucarb (B.P.M.C) 50% EC	Satisfactory
658.	475135-F/9(4)2025	GROW SAFE SOLUTIONS	Fenobucarb (B.P.M.C) 50% EC	Satisfactory
659.	475478-F/9(4)2025	VANDE CROP CARE LIMITED	Fenobucarb (B.P.M.C) 50% EC	Satisfactory
660.	475843-F/9(4)2025	Hari Om Agro	Fenobucarb (B.P.M.C) 50% EC	Satisfactory
661.	474630-F/9(4)2025	VINSENT CROP SCIENCE CHEMICAL PVT LTD	Fenobucarb (BPMC) 20% + Buprofezin 5% SE for indigenous manufacture	Satisfactory
662.	475949-F/9(4)2025	Tagros Chemicals India Private Limited	Fenoxanil 5% + Isoprothiolane 30% EC	Satisfactory
663.	474419-F/9(4)2025	Northern Insecticides Pvt. Ltd.	Fenoxaprop-p-ethyl 10% E.C.	Satisfactory
664.	474978-F/9(4)2025	Darrick Insecticides Ltd.	Fenoxaprop-p-ethyl 6.7% w/w EC for indigenous manufacture	Satisfactory
665.	474993-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Fenoxaprop-p-ethyl 6.7% w/w EC for indigenous manufacture	Satisfactory
666.	474967-F/9(4)2025	Indian Agri Science Pvt. Ltd.	Fenoxaprop-p-ethyl 6.7% w/w EC for indigenous manufacture	Satisfactory
667.	475479-F/9(4)2025	VANDE CROP CARE LIMITED	Fenoxaprop-p-ethyl 6.7% w/w EC for indigenous manufacture	Satisfactory
668.	474061-F/9(4)2025	SIMRANFERTILIZERSLLP	Fenoxaprop-p-ethyl 9.3% EC	Satisfactory
669.	474994-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Fenoxaprop-p-ethyl 9.3% EC	Satisfactory
670.	471475-F/9(4)2025	Jaguar Agro Seeds Private Limited	Fenoxaprop-p-ethyl 9.3% EC	Satisfactory
671.	475136-F/9(4)2025	GROW SAFE SOLUTIONS	Fenoxaprop-p-ethyl 9.3% EC	Satisfactory
672.	475480-F/9(4)2025	VANDE CROP CARE LIMITED	Fenoxaprop-p-ethyl 9.3% EC	Satisfactory
673.	463436-F/9(4)2025	SAFAL AGRO CHEMICALS	Fenpyroximate 5% EC	Satisfactory
674.	474714-F/9(4)2025	Plantix Crop Care	Fenpyroximate 5% SC	Satisfactory
675.	474985-F/9(4)2025	Premium Pesticides Pvt Ltd	Fenvalerate 0.4 % DP	Satisfactory

676.	475137-F/9(4)2025	GROW SAFE SOLUTIONS	Fenvalerate 0.4 % DP	Satisfactory
677.	475138-F/9(4)2025	GROW SAFE SOLUTIONS	Fenvalerate 20% E.C.	Satisfactory
678.	475608-F/9(4)2025	AIMCO PESTICIDES LIMITED	Fipronil 0.05 % GEL (Household Insecticide)	Satisfactory
679.	475410-F/9(4)2025	TERRA GREEN CROP SCIENCE	Fipronil 0.3% G.R.	Satisfactory
680.	475482-F/9(4)2025	VANDE CROP CARE LIMITED	Fipronil 0.3% G.R.	Satisfactory
681.	475928-F/9(4)2025	Hari Om Agro	Fipronil 0.3% G.R.	Satisfactory
682.	435031-F/9(4)2023	WELPACK AGRO INDUSTRIES	Fipronil 0.6% w/w GR	Satisfactory
683.	476077-F/9(4)2025	Anand Agro Chemicals	Fipronil 0.6% w/w GR	Satisfactory
684.	475930-F/9(4)2025	Hari Om Agro	Fipronil 0.6% w/w GR	Satisfactory
685.	476496-F/9(4)2025	M/s Techno Soilchem (I) Ltd.	Fipronil 0.6% w/w GR	Satisfactory
686.	393683-F/9(4)2022	Nav Durga Agroscience Pvt. Ltd	Fipronil 0.6% w/w GR	Satisfactory
687.	474590-F/9(4)2025	Willowood Chemicals Ltd.	FIPRONIL 0.6% WG	Satisfactory
688.	474429-F/9(4)2025	Willowood Chemicals Ltd.	Fipronil 10% + Diafenthiuron 30% WG	Satisfactory
689.	474708-F/9(4)2025	Heranba Industries Limited	Fipronil 10% + Diafenthiuron 30% WG	Satisfactory
690.	474995-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Fipronil 10% + Diafenthiuron 30% WG	Satisfactory
691.	475054-F/9(4)2025	NACL Industries Limited	Fipronil 10% + Diafenthiuron 30% WG	Satisfactory
692.	474715-F/9(4)2025	Plantix Crop Care	Fipronil 15% + Chlorantraniliprole 5% SC	Satisfactory
693.	474710-F/9(4)2025	Heranba Industries Limited	Fipronil 15% + Chlorantraniliprole 5% SC	Satisfactory
694.	475521-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Fipronil 15% + Chlorantraniliprole 5% SC	Satisfactory
695.	474425-F/9(4)2025	Willowood Chemicals Ltd.	Fipronil 15% + Deltamethrin 2.5% SC	Satisfactory
696.	473024-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	FIPRONIL 18.87% W/W SC	Satisfactory
697.	475483-F/9(4)2025	VANDE CROP CARE LIMITED	FIPRONIL 18.87% W/W SC	Satisfactory
698.	475931-F/9(4)2025	Hari Om Agro	FIPRONIL 18.87% W/W SC	Satisfactory
699.	474592-F/9(4)2025	Willowood Chemicals Ltd.	Fipronil 2.92% w/w EC	Satisfactory
700.	474121-F/9(4)2025	UNIVERSAL AGRO TECH	Fipronil 2.92% w/w EC	Satisfactory
701.	475140-F/9(4)2025	GROW SAFE SOLUTIONS	Fipronil 2.92% w/w EC	Satisfactory
702.	474716-F/9(4)2025	Plantix Crop Care	Fipronil 4% + Acetamiprid 4% SC for indigenous manufacture	Satisfactory
703.	474593-F/9(4)2025	Willowood Chemicals Ltd.	Fipronil 4% w/w + Thiamethoxam 4% w/w SC for indigenous manufacture	Satisfactory
704.	474717-F/9(4)2025	Plantix Crop Care	Fipronil 4% w/w + Thiamethoxam 4% w/w SC for indigenous manufacture	Satisfactory
705.	474124-F/9(4)2025	UNIVERSAL AGRO TECH	Fipronil 4% w/w + Thiamethoxam 4% w/w SC for indigenous manufacture	Satisfactory
706.	475549-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Fipronil 4% w/w + Thiamethoxam 4% w/w SC for indigenous manufacture	Satisfactory
707.	467729-F/9(4)2025		Fipronil 40% + Imidacloprid40% WG	Satisfactory
708.	467729- F/9(4)2025	NEW INDIA PESTICIDES	Fipronil 40% + Imida	Satisfactory
709.	474382-F/9(4)2025	DHAPU KRISHI RASAYAN	Fipronil 40% + Imidacloprid 40% WG	Satisfactory
710.	473868-F/9(4)2025	Nutrienty Crop Care Private Limited	Fipronil 40% + Imidacloprid 40% WG	Satisfactory

711.	474861-F/9(4)2025	Jyothir Agriscience Private Limited	Fipronil 40% + Imidacloprid 40% WG	Satisfactory
712.	475246-F/9(4)2025	Indus Crop Care Private Limited	Fipronil 40% + Imidacloprid 40% WG	Satisfactory
713.	474639-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Fipronil 40% + Imidacloprid 40% WG	Satisfactory
714.	475141-F/9(4)2025	GROW SAFE SOLUTIONS	Fipronil 40% + Imidacloprid 40% WG	Satisfactory
715.	475967-F/9(4)2025	Tagros Chemicals India Private Limited	Fipronil 40% + Imidacloprid 40% WG	Satisfactory
716.	475484-F/9(4)2025	VANDE CROP CARE LIMITED	Fipronil 40% + Imidacloprid 40% WG	Satisfactory
717.	471122-F/9(4)2025	PRISTINE AGRO LTD	Fipronil 40% + Imidacloprid 40% WG	Satisfactory
718.	474594-F/9(4)2025	Willowood Chemicals Ltd.	Fipronil 5% + Buprofezin 20% SC	Satisfactory
719.	474127-F/9(4)2025	UNIVERSAL AGRO TECH	Fipronil 5% SC	Satisfactory
720.	475139-F/9(4)2025	GROW SAFE SOLUTIONS	Fipronil 5% SC	Satisfactory
721.	475763-F/9(4)2025	MIRACLE CROP CARE	Fipronil 5% SC	Satisfactory
722.	475348-F/9(4)2025	Nayra Crop Science	Fipronil 5% SC	Satisfactory
723.	475932-F/9(4)2025	Hari Om Agro	Fipronil 5% SC	Satisfactory
724.	475688-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Fipronil 5% SC	Satisfactory
725.	474596-F/9(4)2025	Willowood Chemicals Ltd.	FIPRONIL 7% + HEXITHIAZOX 2% SC	Satisfactory
726.	474718-F/9(4)2025	Plantix Crop Care	FIPRONIL 7% + HEXITHIAZOX 2% SC	Satisfactory
727.	474863-F/9(4)2025	Jyothir Agriscience Private Limited	Fipronil 80% WG	Satisfactory
728.	475101-F/9(4)2025	Aagatti International Chemicals Private Limited	Fipronil 80% WG	Satisfactory
729.	474129-F/9(4)2025	UNIVERSAL AGRO TECH	Fipronil 80% WG	Satisfactory
730.	471125-F/9(4)2025	PRISTINE AGRO LTD	Fipronil 80% WG	Satisfactory
731.	471451- F/9(4)2025	Acufine Lifesciences Private Limited	Fipronil40%+ Imidacloprid40%WG	Satisfactory
732.	471448- F/9(4)2025	Acufine Lifesciences Private Limited	Fipronil5%SC	Satisfactory
733.	474804-F/9(4)2025	Rushabh Crop Science	Flonicamid 50% WG	Satisfactory
734.	474864-F/9(4)2025	Jyothir Agriscience Private Limited	Flonicamid 50% WG	Satisfactory
735.	473025-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Flonicamid 50% WG	Satisfactory
736.	475102-F/9(4)2025	Aagatti International Chemicals Private Limited	Flonicamid 50% WG	Satisfactory
737.	474865-F/9(4)2025	Jyothir Agriscience Private Limited	Fluazifop-p-butyl 13.4% EC	Satisfactory
738.	475444-F/9(4)2025	TAIWAN CROP CHEMICAL	Fluazifop-p-butyl 13.4% EC	Satisfactory
739.	467730-F/9(4)2025	NEW INDIA PESTICIDES	Fluazifop-p-butyl 13.4% EC	Satisfactory
740.	467730- F/9(4)2025	NEW INDIA PESTICIDES	Fluazifop-p-butyl 13.4% EC	Satisfactory
741.	474798-F/9(4)2025	Rushabh Crop Science	Flubendiamide 19.92% + Thiacloprid 19.92% w/w SC for indigenous manufacture	Satisfactory
742.	474263-F/9(4)2025	RAINBOW CROP SCIENCE	FLUBENDIAMIDE 20% WG	Satisfactory
743.	475349-F/9(4)2025	Nayra Crop Science	FLUBENDIAMIDE 20% WG	Satisfactory
744.	475712-F/9(4)2025	Asiatic Green Agrico Pvt Ltd	Flubendiamide 3.5% + Hexaconazole 5% WG for indigeneous manufacture	Satisfactory
745.	475713-F/9(4)2025	Asiatic Green Agrico Pvt Ltd	Flubendiamide 4% w/w + Buprofenzin 20% w/w SC for indigenous manufacture	Satisfactory
746.	474719-F/9(4)2025	Plantix Crop Care	Flufenzin 20 % SC	Satisfactory
747.	473026-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Flufenzin 20 % SC	Satisfactory

748.	469994-F/9(4)2025	Startek Chemicals Ltd.	Fluopicolide 4.44% + Fosetly Aluminum 66.67% WG	Satisfactory
749.	475016-F/9(4)2025	Sterling Agrichem Pvt Ltd	FLUOPYRAM 17.7 % + TEBUCONAZOLE 17.7 % SC	Satisfactory
750.	475828-F/9(4)2025	Tagros Chemicals India Private Limited	FLUOPYRAM 17.7 % + TEBUCONAZOLE 17.7 % SC	Satisfactory
751.	474997-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Fluopyram 34.48 % w/w SC	Satisfactory
752.	475103-F/9(4)2025	Aagatti International Chemicals Private Limited	Fluopyram 34.48 % w/w SC	Satisfactory
753.	469995-F/9(4)2025	Startek Chemicals Ltd.	Flupyrimin 10% SC	Satisfactory
754.	475125-F/9(4)2025	NACL Industries Limited	Fluxametamide 5.81% + Bifenthrin 5.81 % EC	Satisfactory
755.	475797-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Fluxametamide 5.81% + Bifenthrin 5.81 % EC	Satisfactory
756.	474572-F/9(4)2025	MERCBEX CHEMICAL SCIENCE LLP	Fomesafen 11.1% + Fluazifop-p-butyl 11.1% SL	Satisfactory
757.	474099-F/9(4)2025	NAKASA CROP SCIENCE PVT LTD	Fomesafen 11.1% + Fluazifop-p-butyl 11.1% SL	Satisfactory
758.	474274-F/9(4)2025	CHEMLEY AGRITECH PRIVATE LIMITED	Fomesafen 11.1% + Fluazifop-p-butyl 11.1% SL	Satisfactory
759.	474582-F/9(4)2025	FIL INDUSTRIES PRIVATE LIMITED	Fomesafen 11.1% + Fluazifop-p-butyl 11.1% SL	Satisfactory
760.	475950-F/9(4)2025	Tagros Chemicals India Private Limited	Fomesafen 11.1% + Fluazifop-p-butyl 11.1% SL	Satisfactory
761.	476054-F/9(4)2025	Unikil Pesticides(P)Ltd	Fomesafen 11.1% + Fluazifop-p-butyl 11.1% SL	Satisfactory
762.	474137-F/9(4)2025	Malay Enterprise	FOMESAFEN 12% + QUIZALOFOP ETHYL 3% SC	Satisfactory
763.	474399-F/9(4)2025	Anu Products Limited	FOMESAFEN 12% + QUIZALOFOP ETHYL 3% SC	Satisfactory
764.	474789-F/9(4)2025	NACL Industries Limited	Fomesafen 17.5% + Clodinafop-Propargyl 12.5% ME	Satisfactory
765.	471883-F/9(4)2025	Indochem Agri Science Pvt. Ltd.	Fomesafen 17.5% + Clodinafop-Propargyl 12.5% ME	Satisfactory
766.	471892-F/9(4)2025	INDO STAR AGRITECH	Fomesafen 17.5% + Clodinafop-Propargyl 12.5% ME	Satisfactory
767.	474159-F/9(4)2025	Eagle Plant Protect Pvt. Ltd.	Forchlorfenuron(CPPU) 0.1% w/v liquid	Satisfactory
768.	474135-F/9(4)2025	Malay Enterprise	Forchlorfenuron(CPPU) 0.1% w/v liquid	Satisfactory
769.	475292-F/9(4)2025	IHI Cropscience Private Limited	Forchlorfenuron(CPPU) 0.1% w/v liquid	Satisfactory
770.	475172-F/9(4)2025	Wizard Corporation	Forchlorfenuron(CPPU) 0.1% w/v liquid	Satisfactory
771.	469352-F/9(4)2025	Indochem Agri Science Pvt. Ltd.	Forchlorfenuron(CPPU) 0.1% w/v liquid	Satisfactory
772.	469356-F/9(4)2025	INDO STAR AGRITECH	Forchlorfenuron(CPPU) 0.1% w/v liquid	Satisfactory
773.	452967-F/9(4)2024	Advance Agrolife Limited	Fosetyl-Al 80% WP	Satisfactory
774.	473872-F/9(4)2025	Nutrienty Crop Care Private Limited	Gibberellic Acid 0.001% L	Satisfactory
775.	474383-F/9(4)2025	DHAPU KRISHI RASAYAN	Gibberellic Acid 0.001% L	Satisfactory
776.	474866-F/9(4)2025	Jyothir Agriscience Private Limited	Gibberellic Acid 0.001% L	Satisfactory
777.	474131-F/9(4)2025	UNIVERSAL AGRO TECH	Gibberellic Acid 0.001% L	Satisfactory
778.	475142-F/9(4)2025	GROW SAFE SOLUTIONS	Gibberellic Acid 0.001% L	Satisfactory
779.	475764-F/9(4)2025	MIRACLE CROP CARE	Gibberellic Acid 0.001% L	Satisfactory
780.	475485-F/9(4)2025	VANDE CROP CARE LIMITED	Gibberellic Acid 0.001% L	Satisfactory
781.	476016-F/9(4)2025	Pawan Agro Product Private Limited	Gibberellic Acid 0.001% L	Satisfactory
782.	475933-F/9(4)2025	Hari Om Agro	Gibberellic Acid 0.001% L	Satisfactory
783.	475350-F/9(4)2025	Nayra Crop Science	Gibberellic Acid 0.001% L	Satisfactory
784.	467495- F/9(4)2025	NEW INDIA PESTICIDES	Gibberellic Acid 0.001% L	Satisfactory

785.	473863-F/9(4)2025	Agrichem (India) Pvt. Ltd	Gibberellic Acid 0.1% GR	Satisfactory
786.	476015-F/9(4)2025	Pawan Agro Product Private Limited	Gibberellic Acid 0.1% GR	Satisfactory
787.	475143-F/9(4)2025	GROW SAFE SOLUTIONS	Gibberellic acid 0.186% S.P	Satisfactory
788.	470338-F/9(4)2025	PERRY MORE CROP SCIENCES	Gibberellic Acid 0.45% SL	Satisfactory
789.	474969-F/9(4)2025	Indian Agri Science Pvt. Ltd.	Gibberellic Acid 0.45% SL	Satisfactory
790.	475488-F/9(4)2025	VANDE CROP CARE LIMITED	GIBBERELLIC ACID 40% WSG	Satisfactory
791.	475969-F/9(4)2025	Tagros Chemicals India Private Limited	GIBBERELLIC ACID 40% WSG	Satisfactory
792.	476017-F/9(4)2025	Pawan Agro Product Private Limited	GIBBERELLIC ACID 40% WSG	Satisfactory
793.	475476-F/9(4)2025	Sumoto Crop Science	GIBBERELLIC ACID 40% WSG	Satisfactory
794.	467495-F/9(4)2025	NEW INDIA PESTICIDES	GibberellicAcid 0.001% L	Satisfactory
795.	472077-F/9(4)2025	ARYSTO CROP PROTECTION PVT LTD	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
796.	473577-F/9(4)2025	MODERN AGRIGENETICS LIMITED	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
797.	474796-F/9(4)2025	Rushabh Crop Science	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
798.	474867-F/9(4)2025	Jyothir Agriscience Private Limited	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
799.	473027-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
800.	475247-F/9(4)2025	Indus Crop Care Private Limited	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
801.	475290-F/9(4)2025	Foryou Agro LLP	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
802.	475341-F/9(4)2025	NATIONAL PESTICIDES AND CHEMICALS	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
803.	471300-F/9(4)2025	LINEMARK CROP CARE	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
804.	475545-F/9(4)2025	Tagros Chemicals India Private Limited	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
805.	474305-F/9(4)2025	DCS AGRO CARE PRIVATE LIMITED	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
806.	475489-F/9(4)2025	VANDE CROP CARE LIMITED	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
807.	475351-F/9(4)2025	Nayra Crop Science	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
808.	474126-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Glyphosate 41% S.L.	Satisfactory
809.	473873-F/9(4)2025	Nutrienty Crop Care Private Limited	Glyphosate 41% S.L.	Satisfactory
810.	474384-F/9(4)2025	DHAPU KRISHI RASAYAN	Glyphosate 41% S.L.	Satisfactory
811.	474784-F/9(4)2025	Neelagro Organics Private Limited	Glyphosate 41% S.L.	Satisfactory
812.	472726-F/9(4)2025	Foryou Agro LLP	Glyphosate 41% S.L.	Satisfactory
813.	474334-F/9(4)2025	Trycon Crop Science Pvt Ltd	Glyphosate 41% S.L.	Satisfactory
814.	469984-F/9(4)2025	A S H BIO CHEMICALS	Glyphosate 41% S.L.	Satisfactory
815.	475080-F/9(4)2025	GROW SAFE SOLUTIONS	Glyphosate 41% S.L.	Satisfactory
816.	475765-F/9(4)2025	MIRACLE CROP CARE	Glyphosate 41% S.L.	Satisfactory
817.	475490-F/9(4)2025	VANDE CROP CARE LIMITED	Glyphosate 41% S.L.	Satisfactory
818.	475352-F/9(4)2025	Nayra Crop Science	Glyphosate 41% S.L.	Satisfactory
819.	476420-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Glyphosate 41% S.L.	Satisfactory
820.	475302-F/9(4)2025	Agrico Organics Limited	Halosulfuron methyl 12% + Metribuzin 55% WG	Satisfactory
821.	457654-F/9(4)2024	PIXELIN SCIENCES PRIVATE LIMITED	Halosulfuron methyl 12% + Metribuzin 55% WG	Satisfactory
822.	472079-F/9(4)2025	ARYSTO CROP PROTECTION PVT LTD	Halosulfuron methyl 75% WG	Satisfactory
823.	474842-F/9(4)2025	M/s Albaugh India Private Limited	Halosulfuron methyl 75% WG	Satisfactory

824.	471374-F/9(4)2025	TAIWAN CROP CHEMICAL	Halosulfuron methyl 75% WG	Satisfactory
825.	475470-F/9(4)2025	Sumoto Crop Science	Halosulfuron methyl 75% WG	Satisfactory
826.	474434-F/9(4)2025	Anu Products Limited	Haloxyfop R Methyl 10.5% EC	Satisfactory
827.	471376-F/9(4)2025	TAIWAN CROP CHEMICAL	Haloxyfop R Methyl 10.5% EC	Satisfactory
828.	475173-F/9(4)2025	Wizard Corporation	Haloxyfop R Methyl 10.5% EC	Satisfactory
829.	463442-F/9(4)2025	SAFAL AGRO CHEMICALS	Haloxyfop R Methyl 10.5% EC	Satisfactory
830.	474723-F/9(4)2025	Plantix Crop Care	HEXACONAZOLE 4% + CARBENDAZIM 16% SC	Satisfactory
831.	471661-F/9(4)2025	Startek Chemicals Ltd.	HEXACONAZOLE 5% + VALIDAMYCIN 2.5% SC	Satisfactory
832.	474868-F/9(4)2025	Jyothir Agriscience Private Limited	HEXACONAZOLE 5% + VALIDAMYCIN 2.5% SC	Satisfactory
833.	475493-F/9(4)2025	VANDE CROP CARE LIMITED	HEXACONAZOLE 5% + VALIDAMYCIN 2.5% SC	Satisfactory
834.	475519-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Hexaconazole 5% EC	Satisfactory
835.	476424-F/9(4)2025	SHAIL AGRO ORGANIC PRIVATE LIMITED	Hexaconazole 5% EC	Satisfactory
836.	474385-F/9(4)2025	DHAPU KRISHI RASAYAN	Hexaconazole 5% SC	Satisfactory
837.	474132-F/9(4)2025	UNIVERSAL AGRO TECH	Hexaconazole 5% SC	Satisfactory
838.	475207-F/9(4)2025	GROW SAFE SOLUTIONS	Hexaconazole 5% SC	Satisfactory
839.	475766-F/9(4)2025	MIRACLE CROP CARE	Hexaconazole 5% SC	Satisfactory
840.	475495-F/9(4)2025	VANDE CROP CARE LIMITED	Hexaconazole 5% SC	Satisfactory
841.	475935-F/9(4)2025	Hari Om Agro	Hexaconazole 5% SC	Satisfactory
842.	475353-F/9(4)2025	Nayra Crop Science	Hexaconazole 5% SC	Satisfactory
843.	475686-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Hexaconazole 5% SC	Satisfactory
844.	476426-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Hexaconazole 5% SC	Satisfactory
845.	474654-F/9(4)2025	MATRIX CHEMTECH PVT LTD	Hexaconazole 75% WG	Satisfactory
846.	473028-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Hexaconazole 75% WG	Satisfactory
847.	475208-F/9(4)2025	GROW SAFE SOLUTIONS	Hexaconazole 75% WG	Satisfactory
848.	471453- F/9(4)2025	Acufine Lifesciences Private Limited	Hexaconazole5%SC	Satisfactory
849.	471455- F/9(4)2025	Acufine Lifesciences Private Limited	Hexaconazole75%WG	Satisfactory
850.	474432-F/9(4)2025	Willowood Chemicals Ltd.	Hexythiazox 3.5% + Diafenthiuron 42% WDG	Satisfactory
851.	474087-F/9(4)2025	MODESTO CROP PROTECTION PVT. LTD.	Hexythiazox 5.45% EC	Satisfactory
852.	474726-F/9(4)2025	Plantix Crop Care	Hexythiazox 5.45% EC	Satisfactory
853.	474869-F/9(4)2025	Jyothir Agriscience Private Limited	Hexythiazox 5.45% EC	Satisfactory
854.	475714-F/9(4)2025	Asiatic Green Agrico Pvt Ltd	Hexythiazox 5.45% EC	Satisfactory
855.	471124-F/9(4)2025	PRISTINE AGRO LTD	Hexythiazox 5.45% EC	Satisfactory
856.	467496- F/9(4)2025	NEW INDIA PESTICIDES	Imazethapyr 10 % S	Satisfactory
857.	474870-F/9(4)2025	Jyothir Agriscience Private Limited	Imazethapyr 10 % SL	Satisfactory
858.	474328-F/9(4)2025	Trycon Crop Science Pvt Ltd	Imazethapyr 10 % SL	Satisfactory
859.	475496-F/9(4)2025	VANDE CROP CARE LIMITED	Imazethapyr 10 % SL	Satisfactory
860.	475354-F/9(4)2025	Nayra Crop Science	Imazethapyr 10 % SL	Satisfactory
861.	467496-F/9(4)2025	NEW INDIA PESTICIDES	Imazethapyr 10 % SL	Satisfactory
862.	393686-F/9(4)2022	Nav Durga Agroscience Pvt. Ltd	Imazethapyr 10 % SL	Satisfactory
863.	475467-F/9(4)2025	Crop Care Pesticides (India) Pvt. Ltd.	Imazethapyr 35% + Imazamox 35% WG	Satisfactory
864.	473029-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Imazethapyr 70% WG	Satisfactory

865.	474322-F/9(4)2025	Trycon Crop Science Pvt Ltd	Imazethapyr 70% WG	Satisfactory
866.	475498-F/9(4)2025	VANDE CROP CARE LIMITED	Imazethapyr 70% WG	Satisfactory
867.	475975-F/9(4)2025	Hari Om Agro	Imazethapyr 70% WG	Satisfactory
868.	474164-F/9(4)2025	UNIVERSAL AGRO TECH	Imidacloprid 0.3% GR	Satisfactory
869.	475936-F/9(4)2025	Hari Om Agro	Imidacloprid 0.3% GR	Satisfactory
870.	474386-F/9(4)2025	DHAPU KRISHI RASAYAN	IMIDACLOPRID 17.8% SL	Satisfactory
871.	474136-F/9(4)2025	UNIVERSAL AGRO TECH	IMIDACLOPRID 17.8% SL	Satisfactory
872.	475210-F/9(4)2025	GROW SAFE SOLUTIONS	IMIDACLOPRID 17.8% SL	Satisfactory
873.	475499-F/9(4)2025	VANDE CROP CARE LIMITED	IMIDACLOPRID 17.8% SL	Satisfactory
874.	475767-F/9(4)2025	MIRACLE CROP CARE	IMIDACLOPRID 17.8% SL	Satisfactory
875.	475937-F/9(4)2025	Hari Om Agro	IMIDACLOPRID 17.8% SL	Satisfactory
876.	475356-F/9(4)2025	Nayra Crop Science	IMIDACLOPRID 17.8% SL	Satisfactory
877.	475501-F/9(4)2025	VANDE CROP CARE LIMITED	Imidacloprid 18.5% + Hexaconazole 1.5% FS for indigenous manufacture	Satisfactory
878.	474138-F/9(4)2025	UNIVERSAL AGRO TECH	Imidacloprid 30.5% SC	Satisfactory
879.	475211-F/9(4)2025	GROW SAFE SOLUTIONS	Imidacloprid 30.5% SC	Satisfactory
880.	475502-F/9(4)2025	VANDE CROP CARE LIMITED	Imidacloprid 30.5% SC	Satisfactory
881.	475355-F/9(4)2025	Nayra Crop Science	Imidacloprid 30.5% SC	Satisfactory
882.	473953-F/9(4)2025	Cocreate Global technologies private limited	Imidacloprid 48% FS	Satisfactory
883.	475104-F/9(4)2025	Aagatti International Chemicals Private Limited	Imidacloprid 70% WG	Satisfactory
884.	474140-F/9(4)2025	UNIVERSAL AGRO TECH	Imidacloprid 70% WG	Satisfactory
885.	475209-F/9(4)2025	GROW SAFE SOLUTIONS	Imidacloprid 70% WG	Satisfactory
886.	475504-F/9(4)2025	VANDE CROP CARE LIMITED	Imidacloprid 70% WG	Satisfactory
887.	471457-F/9(4)2025	Acufine Lifesciences Private Limited	Imidacloprid70%WG	Satisfactory
888.	476078-F/9(4)2025	Anand Agro Chemicals	Indoxacarb 14.5% + Acetamiprid 7.7% w/w SC	Satisfactory
889.	453780-F/9(4)2024	PRISTINE AGRO LTD	Indoxacarb 14.5% + Acetamiprid 7.7% w/w SC	Satisfactory
890.	435027-F/9(4)2023	WELPACK AGRO INDUSTRIES	Indoxacarb 14.5% SC	Satisfactory
891.	474878-F/9(4)2025	Jyothir Agriscience Private Limited	Indoxacarb 14.5% SC	Satisfactory
892.	475357-F/9(4)2025	Nayra Crop Science	Indoxacarb 14.5% SC	Satisfactory
893.	474568-F/9(4)2025	MERCBEX CHEMICAL SCIENCE LLP	Indoxacarb 5% + Fipronil 5% SC	Satisfactory
894.	473030-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	IPA Salt of Glyphosate 54% SL for indigenous manufacture	Satisfactory
895.	475206-F/9(4)2025	GROW SAFE SOLUTIONS	IPA Salt of Glyphosate 54% SL for indigenous manufacture	Satisfactory
896.	475507-F/9(4)2025	VANDE CROP CARE LIMITED	IPA Salt of Glyphosate 54% SL for indigenous manufacture	Satisfactory
897.	475934-F/9(4)2025	Hari Om Agro	IPA Salt of Glyphosate 54% SL for indigenous manufacture	Satisfactory
898.	476071-F/9(4)2025	Anand Agro Chemicals	IPA Salt of Glyphosate 54% SL for indigenous manufacture	Satisfactory
899.	475401-F/9(4)2025	RalphAgro Rasayan Private Limited	Iprovalicarb 5.5% + Propineb 61.25% WP	Satisfactory
900.	475836-F/9(4)2025	Tagros Chemicals India Private Limited	Iprovalicarb 5.5% + Propineb 61.25% WP	Satisfactory
901.	475510-F/9(4)2025	VANDE CROP CARE LIMITED	Iprovalicarb 5.5% + Propineb 61.25% WP	Satisfactory
902.	472767-F/9(4)2025	DEV AGRO (INDIA) CHEMICALS & FERTILIZERS LTD.	Isoprothiolane 40 % EC	Satisfactory
903.	474881-F/9(4)2025	Jyothir Agriscience Private Limited	Isoprothiolane 40 % EC	Satisfactory

904.	471377-F/9(4)2025	TAIWAN CROP CHEMICAL	Isoprothiolane 40 % EC	Satisfactory
905.	475512-F/9(4)2025	VANDE CROP CARE LIMITED	Isoprothiolane 40 % EC	Satisfactory
906.	475976-F/9(4)2025	Hari Om Agro	Isoprothiolane 40 % EC	Satisfactory
907.	475358-F/9(4)2025	Nayra Crop Science	Isoprothiolane 40 % EC	Satisfactory
908.	476197-F/9(4)2025	Ananya Agro Products Services Pvt Ltd	Isoprothiolane 40 % EC	Satisfactory
909.	475001-F/9(4)2025	M S P Agro Chemicals	Isoproturon 75% W.P	Satisfactory
910.	474695-F/9(4)2025	NACL Industries Limited	Kasugamycin 5% + Copper Oxychloride 45% WP	Satisfactory
911.	473756-F/9(4)2025	Swastik Agri Science	Kasugamycin 5% + Copper Oxychloride 45% WP	Satisfactory
912.	475515-F/9(4)2025	VANDE CROP CARE LIMITED	Kasugamycin 5% + Copper Oxychloride 45% WP	Satisfactory
913.	475516-F/9(4)2025	VANDE CROP CARE LIMITED	Kasugamycin 6% + Thifluzamide 26% SC	Satisfactory
914.	471478-F/9(4)2025	TAIWAN CROP CHEMICAL	Kresoxim-Methyl 40% + Hexaconazole 8% WG	Satisfactory
915.	471378-F/9(4)2025	TAIWAN CROP CHEMICAL	Kresoxim-Methyl 44.3% w/w (500 g/l) SC	Satisfactory
916.	475517-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Lambda Cyhalothrin 2.5% EC	Satisfactory
917.	474779-F/9(4)2025	Neelagro Organics Private Limited	Lambda cyhalothrin 5% EC.	Satisfactory
918.	474910-F/9(4)2025	Jyothir Agriscience Private Limited	Lambda cyhalothrin 5% EC.	Satisfactory
919.	474142-F/9(4)2025	UNIVERSAL AGRO TECH	Lambda cyhalothrin 5% EC.	Satisfactory
920.	475249-F/9(4)2025	Indus Crop Care Private Limited	Lambda cyhalothrin 5% EC.	Satisfactory
921.	475259-F/9(4)2025	Heranba Organics Private Limited	Lambda cyhalothrin 5% EC.	Satisfactory
922.	455515-F/9(4)2024	PIXELIN SCIENCES PRIVATE LIMITED	Lambda cyhalothrin 5% EC.	Satisfactory
923.	475213-F/9(4)2025	GROW SAFE SOLUTIONS	Lambda cyhalothrin 5% EC.	Satisfactory
924.	475769-F/9(4)2025	MIRACLE CROP CARE	Lambda cyhalothrin 5% EC.	Satisfactory
925.	475980-F/9(4)2025	Hari Om Agro	Lambda cyhalothrin 5% EC.	Satisfactory
926.	475360-F/9(4)2025	Nayra Crop Science	Lambda cyhalothrin 5% EC.	Satisfactory
927.	475685-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Lambda cyhalothrin 5% EC.	Satisfactory
928.	471456-F/9(4)2025	Acufine Lifesciences Private Limited	Lambda-cyhalothrin 4.9% Capsule Suspension	Satisfactory
929.	474979-F/9(4)2025	S.S. Agro Industries	Lambda-cyhalothrin 4.9% Capsule Suspension	Satisfactory
930.	475212-F/9(4)2025	GROW SAFE SOLUTIONS	Lambda-cyhalothrin 4.9% Capsule Suspension	Satisfactory
931.	475768-F/9(4)2025	MIRACLE CROP CARE	Lambda-cyhalothrin 4.9% Capsule Suspension	Satisfactory
932.	475518-F/9(4)2025	VANDE CROP CARE LIMITED	Lambda-cyhalothrin 4.9% Capsule Suspension	Satisfactory
933.	475979-F/9(4)2025	Hari Om Agro	Lambda-cyhalothrin 4.9% Capsule Suspension	Satisfactory
934.	475359-F/9(4)2025	Nayra Crop Science	Lambda-cyhalothrin 4.9% Capsule Suspension	Satisfactory
935.	474321-F/9(4)2025	PRASHANT AGRIC SERVICES	Lufenuron 5.4% EC	Satisfactory
936.	474989-F/9(4)2025	Premium Pesticides Pvt Ltd	Lufenuron 5.4% EC	Satisfactory
937.	474912-F/9(4)2025	Jyothir Agriscience Private Limited	Lufenuron 5.4% EC	Satisfactory
938.	475796-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Lufenuron 5.4% EC	Satisfactory
939.	475520-F/9(4)2025	VANDE CROP CARE LIMITED	Lufenuron 5.4% EC	Satisfactory
940.	372456-F/9(4)2022	Auxin Crop Care	Lufenuron 5.4% EC	Satisfactory
941.	471172-F/9(4)2025	BIOSIGNATURE CROP PRIVATE LIMITED	Lufenuron 5.4% EC	Satisfactory

942.	475799-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Mancozeb 50 % + Thiophanate methyl 25% WG	Satisfactory
943.	474144-F/9(4)2025	UNIVERSAL AGRO TECH	Mancozeb 75 % WP	Satisfactory
944.	475214-F/9(4)2025	GROW SAFE SOLUTIONS	Mancozeb 75 % WP	Satisfactory
945.	475522-F/9(4)2025	VANDE CROP CARE LIMITED	Mancozeb 75 % WP	Satisfactory
946.	475981-F/9(4)2025	Hari Om Agro	Mancozeb 75 % WP	Satisfactory
947.	474900-F/9(4)2025	Nayra Crop Science	Mancozeb 75 % WP	Satisfactory
948.	475683-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Mancozeb 75 % WP	Satisfactory
949.	474899-F/9(4)2025	Nayra Crop Science	Mancozeb 75% WG	Satisfactory
950.	475541-F/9(4)2025	Tagros Chemicals India Private Limited	Mandipropamid 23.4% SC	Satisfactory
951.	473451-F/9(4)2025	MODERN AGRIGENETICS LIMITED	Mepiquat Chloride 5 % Aqueous Solution	Satisfactory
952.	474147-F/9(4)2025	UNIVERSAL AGRO TECH	Mepiquat Chloride 5 % Aqueous Solution	Satisfactory
953.	473452-F/9(4)2025	MODERN AGRIGENETICS LIMITED	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
954.	472082-F/9(4)2025	ARYSTO CROP PROTECTION PVT LTD	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
955.	470290-F/9(4)2025	DEV AGRO (INDIA) CHEMICALS & FERTILIZERS LTD.	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
956.	472046-F/9(4)2025	Excel Biotech Pvt. Ltd.	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
957.	474387-F/9(4)2025	DHAPU KRISHI RASAYAN	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
958.	474730-F/9(4)2025	Plantix Crop Care	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
959.	474803-F/9(4)2025	Rushabh Crop Science	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
960.	473031-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
961.	475002-F/9(4)2025	M S P Agro Chemicals	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
962.	474833-F/9(4)2025	CROP FIELD SCIENCE	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
963.	474300-F/9(4)2025	DCS AGRO CARE PRIVATE LIMITED	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
964.	475524-F/9(4)2025	VANDE CROP CARE LIMITED	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
965.	475471-F/9(4)2025	Wizard Corporation	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
966.	475650-F/9(4)2025	JAIRAKS	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
967.	472410-F/9(4)2025	HI CHEM PESTICIDES INDIA	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
968.	471459-F/9(4)2025	Acufine Lifesciences Private Limited	Mesotrione2.27%+ Atrazine22.7%SC	Satisfactory
969.	474731-F/9(4)2025	Plantix Crop Care	Metalaxyl 35% W.S.	Satisfactory
970.	473032-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Metalaxyl 35% W.S.	Satisfactory
971.	474359-F/9(4)2025	Aqua Crop Chemicals Pvt Ltd	Metalaxyl 35% W.S.	Satisfactory
972.	475546-F/9(4)2025	Tagros Chemicals India Private Limited	Metalaxyl 35% W.S.	Satisfactory
973.	475525-F/9(4)2025	VANDE CROP CARE LIMITED	Metalaxyl 35% W.S.	Satisfactory
974.	475364-F/9(4)2025	Nayra Crop Science	Metalaxyl 35% W.S.	Satisfactory
975.	476061-F/9(4)2025	GROW SAFE SOLUTIONS	Metalaxyl 35% W.S.	Satisfactory
976.	474319-F/9(4)2025	Global Agri Ventures	Metalaxyl 35% W.S.	Satisfactory
977.	474388-F/9(4)2025	DHAPU KRISHI RASAYAN	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
978.	473764-F/9(4)2025	UNITY CROP CARE	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory

979.	474499-F/9(4)2025	Trycon Crop Science Pvt Ltd	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
980.	475514-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
981.	475526-F/9(4)2025	VANDE CROP CARE LIMITED	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
982.	475982-F/9(4)2025	Hari Om Agro	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
983.	475363-F/9(4)2025	Nayra Crop Science	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
984.	476177-F/9(4)2025	TERRA GREEN CROP SCIENCE	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
985.	476060-F/9(4)2025	GROW SAFE SOLUTIONS	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
986.	476486-F/9(4)2025	Anand Agro Chemicals	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
987.	476427-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
988.	471379-F/9(4)2025	TAIWAN CROP CHEMICAL	Metalaxyl-M 3.3% + Chlorothalonil 33.1% SC	Satisfactory
989.	476215-F/9(4)2025	FENGEL CROP SCIENCES	Metalaxyl-M 3.3% + Chlorothalonil 33.1% SC	Satisfactory
990.	476498-F/9(4)2025	PINNACLE SEEDS RESEARCH COMPANY	Metalaxyl-M 3.3% + Chlorothalonil 33.1% SC	Satisfactory
991.	475038-F/9(4)2025	Willowood Chemicals Ltd.	Metamifop 10% EC	Satisfactory
992.	476334-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Metamifop 8% + Imazethapyr 4% + Imazamox 3% ME	Satisfactory
993.	476155-F/9(4)2025	AG Industries	METAMITRON 700 g/l (60% w/w) SC	Satisfactory
994.	474699-F/9(4)2025	Heranba Industries Limited	Methoxyfenozide 20% + Chlorantraniliprole 5% SC	Satisfactory
995.	475542-F/9(4)2025	Tagros Chemicals India Private Limited	Methoxyfenozide 20% + Chlorantraniliprole 5% SC	Satisfactory
996.	474133-F/9(4)2025	Malay Enterprise	METHOXYFENOZIDE 21.8% SC	Satisfactory
997.	472859-F/9(4)2025	Nova Agri Sciences Pvt Ltd	Metiram 44% + Dimethomorph 9% WG	Satisfactory
998.	474696-F/9(4)2025	Heranba Industries Limited	Metiram 44% + Dimethomorph 9% WG	Satisfactory
999.	475033-F/9(4)2025	Willowood Chemicals Ltd.	Metiram 44% + Dimethomorph 9% WG	Satisfactory
1000.	474512-F/9(4)2025	Sharda Cropchem Ltd.	Metiram 55% + Pyraclostrobin 5% WG	Satisfactory
1001.	474550-F/9(4)2025	CORUM CROPSCIENCES	Metiram 55% + Pyraclostrobin 5% WG	Satisfactory
1002.	475709-F/9(4)2025	Asiatic Green Agrico Pvt Ltd	Metiram 55% + Pyraclostrobin 5% WG	Satisfactory
1003.	475972-F/9(4)2025	RalphAgro Rasayan Private Limited	Metiram 55% + Pyraclostrobin 5% WG	Satisfactory
1004.	475527-F/9(4)2025	VANDE CROP CARE LIMITED	Metiram 55% + Pyraclostrobin 5% WG	Satisfactory
1005.	474913-F/9(4)2025	Jyothir Agriscience Private Limited	Metiram 70% WG	Satisfactory
1006.	475034-F/9(4)2025	Willowood Chemicals Ltd.	Metiram 70% WG	Satisfactory
1007.	475121-F/9(4)2025	MODESTO CROP PROTECTION PVT. LTD.	Metiram 70% WG	Satisfactory
1008.	475547-F/9(4)2025	Tagros Chemicals India Private Limited	Metiram 70% WG	Satisfactory
1009.	475506-F/9(4)2025	RalphAgro Rasayan Private Limited	Metiram 70% WG	Satisfactory
1010.	475926-F/9(4)2025	ERA FORMULATION	Metiram 70% WG	Satisfactory
1011.	474732-F/9(4)2025	Plantix Crop Care	Metolachlor 50 % E C	Satisfactory
1012.	475184-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Metolachlor 50 % E C	Satisfactory
1013.	475174-F/9(4)2025	Wizard Corporation	Metolachlor 50 % E C	Satisfactory
1014.	463434-F/9(4)2025	SAFAL AGRO CHEMICALS	Metolachlor 50 % E C	Satisfactory

1015.	473956-F/9(4)2025	Cocreate Global technologies private limited	Metribuzin 42% + Clodinafop propargyl 12% WG for indigenous manufacture	Satisfactory
1016.	475983-F/9(4)2025	Hari Om Agro	Metribuzin 42% + Clodinafop propargyl 12% WG for indigenous manufacture	Satisfactory
1017.	474389-F/9(4)2025	DHAPU KRISHI RASAYAN	Metribuzin 70% W.P.	Satisfactory
1018.	474150-F/9(4)2025	UNIVERSAL AGRO TECH	Metribuzin 70% W.P.	Satisfactory
1019.	457664-F/9(4)2024	PIXELIN SCIENCES PRIVATE LIMITED	Metribuzin 70% W.P.	Satisfactory
1020.	475215-F/9(4)2025	GROW SAFE SOLUTIONS	Metribuzin 70% W.P.	Satisfactory
1021.	475528-F/9(4)2025	VANDE CROP CARE LIMITED	Metribuzin 70% W.P.	Satisfactory
1022.	476080-F/9(4)2025	Anand Agro Chemicals	Metribuzin 70% W.P.	Satisfactory
1023.	475984-F/9(4)2025	Hari Om Agro	Metribuzin 70% W.P.	Satisfactory
1024.	475365-F/9(4)2025	Nayra Crop Science	Metribuzin 70% W.P.	Satisfactory
1025.	393657-F/9(4)2022	Nav Durga Agroscience Pvt. Ltd	Metribuzin 70% W.P.	Satisfactory
1026.	475529-F/9(4)2025	VANDE CROP CARE LIMITED	Metsulfuron Methyl 10% w/w + Chlorimuron Ethyl 10% WP	Satisfactory
1027.	471462-F/9(4)2025	Acufine Lifesciences Private Limited	Metsulfuron Methyl 10% w/w + ChlorimuronEthyl 10% WP	Satisfactory
1028.	473502-F/9(4)2025	BAJRANG RASAYAN	Metsulfuron methyl 20% WG	Satisfactory
1029.	474337-F/9(4)2025	DEV AGROTECH	Metsulfuron methyl 20% WP	Satisfactory
1030.	475530-F/9(4)2025	VANDE CROP CARE LIMITED	Metsulfuron methyl 20% WP	Satisfactory
1031.	474339-F/9(4)2025	DEV AGROTECH	Monocrotophos 15% w/w SG	Satisfactory
1032.	475548-F/9(4)2025	Tagros Chemicals India Private Limited	Myclobutanil 10 % WP	Satisfactory
1033.	475531-F/9(4)2025	VANDE CROP CARE LIMITED	Myclobutanil 10 % WP	Satisfactory
1034.	474936-F/9(4)2025	Jyothir Agriscience Private Limited	Neem Based Granular Formulation Containing Azadirachtin 0.15% (1500 ppm) w/w min indigenous manufacture	Satisfactory
1035.	474483-F/9(4)2025	Advance Agrolife Limited	Neem Extract Concentrate Containing Azadirachtin 10% w/w min.	Satisfactory
1036.	476058-F/9(4)2025	GROW SAFE SOLUTIONS	Neem Kernel Based EC Containing Azadirachtin 0.3% w/w min.(3000 PPM)	Satisfactory
1037.	476198-F/9(4)2025	Ananya Agro Products Services Pvt Ltd	Neem Kernel Based EC Containing Azadirachtin 0.3% w/w min.(3000 PPM)	Satisfactory
1038.	474937-F/9(4)2025	Jyothir Agriscience Private Limited	Neem Oil based - EC containing Azadirachtin 0.03% (300 PPM) w/w min. Botanical fungicide.	Satisfactory
1039.	474939-F/9(4)2025	Jyothir Agriscience Private Limited	Neem Oil Based EC containing Azadirachtin 0.03% (300 PPM) Min.	Satisfactory
1040.	475624-F/9(4)2025	Harekrishna Rice Processing And Exports	Neem Oil Based EC containing Azadirachtin 0.03% (300 PPM) Min.	Satisfactory
1041.	473859-F/9(4)2025	Nutrienty Crop Care Private Limited	Neem Seed Kernel Based EC containing AZADIRACHTIN 0.15% EC (1500 ppm) min	Satisfactory
1042.	474940-F/9(4)2025	Jyothir Agriscience Private Limited	Neem Seed Kernel Based EC containing AZADIRACHTIN 0.15% EC (1500 ppm) min	Satisfactory
1043.	475642-F/9(4)2025	Sai Crop Science Pvt Ltd	Neem Seed Kernel Based EC containing AZADIRACHTIN 0.15% EC (1500 ppm) min	Satisfactory
1044.	475532-F/9(4)2025	VANDE CROP CARE LIMITED	Neem Seed Kernel Based EC containing AZADIRACHTIN 0.15% EC (1500 ppm) min	Satisfactory

1045.	474942-F/9(4)2025	Jyothir Agriscience Private Limited	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min.	Satisfactory
1046.	475784-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min.	Satisfactory
1047.	475533-F/9(4)2025	VANDE CROP CARE LIMITED	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min.	Satisfactory
1048.	476199-F/9(4)2025	Ananya Agro Products Services Pvt Ltd	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min.	Satisfactory
1049.	476059-F/9(4)2025	GROW SAFE SOLUTIONS	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min.	Satisfactory
1050.	474470-F/9(4)2025	Ichiban Crop Science Limited	Nitenpyram 25% SP	Satisfactory
1051.	474395-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Nitenpyram 25% SP	Satisfactory
1052.	474646-F/9(4)2025	SOUTHERN PEST CONTROL	Nitenpyram 25% SP	Satisfactory
1053.	474970-F/9(4)2025	Indian Agri Science Pvt. Ltd.	Nitenpyram 25% SP	Satisfactory
1054.	474567-F/9(4)2025	Dharmaj Crop Guard Limited	Nitenpyram 25% SP	Satisfactory
1055.	475415-F/9(4)2025	MODESTO CROP PROTECTION PVT. LTD.	Nitenpyram 25% SP	Satisfactory
1056.	475791-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Nitenpyram 25% SP	Satisfactory
1057.	470325-F/9(4)2025	Agro Care.	Nitrobenzene 20% EW	Satisfactory
1058.	473453-F/9(4)2025	MODERN AGRIGENETICS LIMITED	Nitrobenzene 20% EW	Satisfactory
1059.	474128-F/9(4)2025	Malay Enterprise	Nitrobenzene 20% EW	Satisfactory
1060.	474733-F/9(4)2025	Plantix Crop Care	Nitrobenzene 20% EW	Satisfactory
1061.	473033-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Nitrobenzene 20% EW	Satisfactory
1062.	474971-F/9(4)2025	Indian Agri Science Pvt. Ltd.	Nitrobenzene 20% EW	Satisfactory
1063.	474153-F/9(4)2025	UNIVERSAL AGRO TECH	Nitrobenzene 20% EW	Satisfactory
1064.	474265-F/9(4)2025	S.D. AGRO CHEMICALS LIMITED	Nitrobenzene 20% EW	Satisfactory
1065.	473869-F/9(4)2025	Agrichem (India) Pvt. Ltd	Nitrobenzene 20% EW	Satisfactory
1066.	455562-F/9(4)2024	PIXELIN SCIENCES PRIVATE LIMITED	Nitrobenzene 20% EW	Satisfactory
1067.	475079-F/9(4)2025	GROW SAFE SOLUTIONS	Nitrobenzene 20% EW	Satisfactory
1068.	472937-F/9(4)2025	Hindustan Biochem & Chemicals Private Limited	Nitrobenzene 20% EW	Satisfactory
1069.	476039-F/9(4)2025	S.S. Agro Industries	Nitrobenzene 20% EW	Satisfactory
1070.	476081-F/9(4)2025	Anand Agro Chemicals	Nitrobenzene 20% EW	Satisfactory
1071.	476329-F/9(4)2025	Penta Crop Science Industries	Nitrobenzene 20% EW	Satisfactory
1072.	473874-F/9(4)2025	Nutrienty Crop Care Private Limited	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory
1073.	474673-F/9(4)2025	BHARAT CHEMICALS INDUSTRIES	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory
1074.	474915-F/9(4)2025	Jyothir Agriscience Private Limited	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory
1075.	473578-F/9(4)2025	SOVEREIGN AGRI INDUSTRIES	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory
1076.	473765-F/9(4)2025	UNITY CROP CARE	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory
1077.	474645-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory

1078.	472935-F/9(4)2025	Hindustan Biochem & Chemicals Private Limited	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory
1079.	475534-F/9(4)2025	VANDE CROP CARE LIMITED	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory
1080.	476062-F/9(4)2025	GROW SAFE SOLUTIONS	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory
1081.	473757-F/9(4)2025	Swastik Agri Science	Novaluron 10% EC	Satisfactory
1082.	476287-F/9(4)2025	PEPTECH BIOSCIENCES LIMITED	Novaluron 10% EC	Satisfactory
1083.	474914-F/9(4)2025	Jyothir Agriscience Private Limited	Novaluron 10% EC for indigenous manufacture	Satisfactory
1084.	453783-F/9(4)2024	PRISTINE AGRO LTD	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory
1085.	474734-F/9(4)2025	Plantix Crop Care	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Satisfactory
1086.	474916-F/9(4)2025	Jyothir Agriscience Private Limited	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Satisfactory
1087.	475250-F/9(4)2025	Indus Crop Care Private Limited	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Satisfactory
1088.	474554-F/9(4)2025	Sun Agro Chemicals	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Satisfactory
1089.	474338-F/9(4)2025	DEV AGROTECH	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Satisfactory
1090.	474834-F/9(4)2025	CROP FIELD SCIENCE	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Satisfactory
1091.	475487-F/9(4)2025	Sumoto Crop Science	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Satisfactory
1092.	453782-F/9(4)2024	PRISTINE AGRO LTD	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Satisfactory
1093.	474364-F/9(4)2025	ABCI Agrochem Pvt. Ltd.	Oxadiargyl 6% EC	Satisfactory
1094.	474797-F/9(4)2025	Rushabh Crop Science	Oxadiargyl 6% EC	Satisfactory
1095.	474390-F/9(4)2025	DHAPU KRISHI RASAYAN	Oxyflourfen 23.5% E.C (w/w)	Satisfactory
1096.	474794-F/9(4)2025	Rushabh Crop Science	Oxyflourfen 23.5% E.C (w/w)	Satisfactory
1097.	474917-F/9(4)2025	Jyothir Agriscience Private Limited	Oxyflourfen 23.5% E.C (w/w)	Satisfactory
1098.	474345-F/9(4)2025	Trycon Crop Science Pvt Ltd	Oxyflourfen 23.5% E.C (w/w)	Satisfactory
1099.	475535-F/9(4)2025	VANDE CROP CARE LIMITED	Oxyflourfen 23.5% E.C (w/w)	Satisfactory
1100.	476034-F/9(4)2025	S.S. Agro Industries	Oxyflourfen 23.5% E.C (w/w)	Satisfactory
1101.	476063-F/9(4)2025	GROW SAFE SOLUTIONS	Oxyflourfen 23.5% E.C (w/w)	Satisfactory
1102.	475126-F/9(4)2025	NACL Industries Limited	Oxyfluorfen 2.5% + Isopropyl amine salt of Glyphosate 41% w/w SC for indigenous manufacture	Satisfactory
1103.	472729-F/9(4)2025	Foryou Agro LLP	Paclobutrazol 23% W/W SC	Satisfactory
1104.	434994-F/9(4)2023	WELPACK AGRO INDUSTRIES	Paclobutrazol 23% W/W SC	Satisfactory
1105.	475770-F/9(4)2025	MIRACLE CROP CARE	Paclobutrazol 23% W/W SC	Satisfactory
1106.	472047-F/9(4)2025	Excel Biotech Pvt. Ltd.	Paclobutrazole 23% SC	Satisfactory
1107.	474354-F/9(4)2025	Aqua Crop Chemicals Pvt Ltd	Paclobutrazole 23% SC	Satisfactory
1108.	455560-F/9(4)2024	PIXELIN SCIENCES PRIVATE LIMITED	Paclobutrazole 23% SC	Satisfactory
1109.	474301-F/9(4)2025	DCS AGRO CARE PRIVATE LIMITED	Paclobutrazole 23% SC	Satisfactory
1110.	475985-F/9(4)2025	Hari Om Agro	Paclobutrazole 23% SC	Satisfactory
1111.	476107-F/9(4)2025	GROW SAFE SOLUTIONS	Paclobutrazole 23% SC	Satisfactory
1112.	473454-F/9(4)2025	MODERN AGRIGENETICS LIMITED	PACLOBUTRAZOLE 40% SC	Satisfactory
1113.	474000-F/9(4)2025	Green Dew Chemicals	PACLOBUTRAZOLE 40% SC	Satisfactory

1114.	434995-F/9(4)2023	WELPACK AGRO INDUSTRIES	PACLOBUTRAZOLE 40% SC	Satisfactory
1115.	474918-F/9(4)2025	Jyothir Agriscience Private Limited	PACLOBUTRAZOLE 40% SC	Satisfactory
1116.	474154-F/9(4)2025	UNIVERSAL AGRO TECH	PACLOBUTRAZOLE 40% SC	Satisfactory
1117.	459185-F/9(4)2025	Gujrat Pesticides Company	PACLOBUTRAZOLE 40% SC	Satisfactory
1118.	474455-F/9(4)2025	Trycon Crop Science Pvt Ltd	PACLOBUTRAZOLE 40% SC	Satisfactory
1119.	475536-F/9(4)2025	VANDE CROP CARE LIMITED	PACLOBUTRAZOLE 40% SC	Satisfactory
1120.	471466-F/9(4)2025	Acufine Lifesciences Private Limited	PACLOBUTRAZOLE 40% SC	Satisfactory
1121.	470616- F/9(4)2025	Shree ram crop science	PACLOBUTRAZOLE 40% SC	Satisfactory
1122.	471463-F/9(4)2025	Acufine Lifesciences Private Limited	Paclobutrazole23%SC	Satisfactory
1123.	474391-F/9(4)2025	DHAPU KRISHI RASAYAN	Paraquat Dichloride 24% SL	Satisfactory
1124.	474919-F/9(4)2025	Jyothir Agriscience Private Limited	Paraquat Dichloride 24% SL	Satisfactory
1125.	474340-F/9(4)2025	Trycon Crop Science Pvt Ltd	Paraquat Dichloride 24% SL	Satisfactory
1126.	475550-F/9(4)2025	Tagros Chemicals India Private Limited	Paraquat Dichloride 24% SL	Satisfactory
1127.	475771-F/9(4)2025	MIRACLE CROP CARE	Paraquat Dichloride 24% SL	Satisfactory
1128.	475537-F/9(4)2025	VANDE CROP CARE LIMITED	Paraquat Dichloride 24% SL	Satisfactory
1129.	475986-F/9(4)2025	Hari Om Agro	Paraquat Dichloride 24% SL	Satisfactory
1130.	475366-F/9(4)2025	Nayra Crop Science	Paraquat Dichloride 24% SL	Satisfactory
1131.	476064-F/9(4)2025	GROW SAFE SOLUTIONS	Paraquat Dichloride 24% SL	Satisfactory
1132.	476179-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Paraquat Dichloride 24% SL	Satisfactory
1133.	476082-F/9(4)2025	Anand Agro Chemicals	Paraquat Dichloride 24% SL	Satisfactory
1134.	454796-F/9(4)2024	Advance Agrolife Limited	Penconazole 10% EC	Satisfactory
1135.	473034-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Pendimethalin 30 % EC	Satisfactory
1136.	475113-F/9(4)2025	UNIVERSAL AGRO TECH	Pendimethalin 30 % EC	Satisfactory
1137.	475538-F/9(4)2025	VANDE CROP CARE LIMITED	Pendimethalin 30 % EC	Satisfactory
1138.	476036-F/9(4)2025	S.S. Agro Industries	Pendimethalin 30 % EC	Satisfactory
1139.	475987-F/9(4)2025	Hari Om Agro	Pendimethalin 30 % EC	Satisfactory
1140.	475367-F/9(4)2025	Nayra Crop Science	Pendimethalin 30 % EC	Satisfactory
1141.	476065-F/9(4)2025	GROW SAFE SOLUTIONS	Pendimethalin 30 % EC	Satisfactory
1142.	475539-F/9(4)2025	VANDE CROP CARE LIMITED	Pendimethalin 30% + Imazethapyr 2% EC	Satisfactory
1143.	475117-F/9(4)2025	Excel Biotech Pvt. Ltd.	Pendimethalin 30% E.C.	Satisfactory
1144.	474743-F/9(4)2025	Plantix Crop Care	PENDIMETHALIN 35% + METRIBUZIN 3.5% SE	Satisfactory
1145.	474565-F/9(4)2025	DHAPU KRISHI RASAYAN	Pendimethalin 38.7% CS	Satisfactory
1146.	474920-F/9(4)2025	Jyothir Agriscience Private Limited	Pendimethalin 38.7% CS	Satisfactory
1147.	475540-F/9(4)2025	VANDE CROP CARE LIMITED	Pendimethalin 38.7% CS	Satisfactory
1148.	476066-F/9(4)2025	GROW SAFE SOLUTIONS	Pendimethalin 38.7% CS	Satisfactory
1149.	475039-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	PENFLUFEN 13.28% + TRIFLOXYSTROBIN 13.28% FS	Satisfactory
1150.	476378-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Penflufen 22.43% w/w FS	Satisfactory
1151.	474227-F/9(4)2025	Global Agri Ventures	PENOXSULAM 0.97% + BUTACHLOR 38.8% SE	Satisfactory
1152.	473932-F/9(4)2025	Aqua Crop Chemicals Pvt Ltd	PENOXSULAM 0.97% + BUTACHLOR 38.8% SE	Satisfactory
1153.	475971-F/9(4)2025	Tagros Chemicals India Private Limited	PENOXSULAM 1.02% + CYHALOFOP-BUTYL 5.1% OD	Satisfactory
1154.	476281-F/9(4)2025	Srikar Biotech Private Limited	PENOXSULAM 1.02% + CYHALOFOP-BUTYL 5.1% OD	Satisfactory

1155.	471123-F/9(4)2025	PRISTINE AGRO LTD	PENOXSULAM 1.02% + CYHALOFOP-BUTYL 5.1% OD	Satisfactory
1156.	435015-F/9(4)2023	WELPACK AGRO INDUSTRIES	PENOXSULAM 2.67% w/w OD	Satisfactory
1157.	476265-F/9(4)2025	Srikar Biotech Private Limited	PENOXSULAM 2.67% w/w OD	Satisfactory
1158.	473958-F/9(4)2025	Cocreate Global technologies private limited	Permethrin - 25% EC	Satisfactory
1159.	475368-F/9(4)2025	Nayra Crop Science	Permethrin - 25% EC	Satisfactory
1160.	475682-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Permethrin - 25% EC	Satisfactory
1161.	471613-F/9(4)2025	BIOZYNE CROP GUARD	Phenthoate 50 % E.C	Satisfactory
1162.	473984-F/9(4)2025	Cocreate Global technologies private limited	Phenthoate 50 % E.C	Satisfactory
1163.	474745-F/9(4)2025	Plantix Crop Care	Phenthoate 50 % E.C	Satisfactory
1164.	475681-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Phenthoate 50 % E.C	Satisfactory
1165.	475787-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Phosmet 50% WP	Satisfactory
1166.	473035-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Picoxystrobin 22.52% SC for indigenous manufacture	Satisfactory
1167.	458606-F/9(4)2025	Aryadev Chemicals	Picoxystrobin 22.52% SC for indigenous manufacture	Satisfactory
1168.	474456-F/9(4)2025	Trycon Crop Science Pvt Ltd	Picoxystrobin 22.52% SC for indigenous manufacture	Satisfactory
1169.	476067-F/9(4)2025	GROW SAFE SOLUTIONS	Picoxystrobin 22.52% SC for indigenous manufacture	Satisfactory
1170.	474746-F/9(4)2025	Plantix Crop Care	Picoxystrobin 6.78% w/w +Tricyclazole 20.33% w/w SC	Satisfactory
1171.	473579-F/9(4)2025	MODERN AGRIGENETICS LIMITED	Picoxystrobin 6.78% w/w +Tricyclazole 20.33% w/w SC	Satisfactory
1172.	474648-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Picoxystrobin 6.78% w/w +Tricyclazole 20.33% w/w SC	Satisfactory
1173.	475543-F/9(4)2025	Tagros Chemicals India Private Limited	Picoxystrobin 6.78% w/w +Tricyclazole 20.33% w/w SC	Satisfactory
1174.	474747-F/9(4)2025	Plantix Crop Care	Picoxystrobin 7.05% + Propiconazole 11.71% SC for indigenous manufacture	Satisfactory
1175.	475570-F/9(4)2025	VANDE CROP CARE LIMITED	Picoxystrobin 7.05% + Propiconazole 11.71% SC for indigenous manufacture	Satisfactory
1176.	474767-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Pinoxaden 5.1 % EC	Satisfactory
1177.	474770-F/9(4)2025	Ichiban Crop Science Limited	Pinoxaden 5.1 % EC	Satisfactory
1178.	475294-F/9(4)2025	IHI Cropscience Private Limited	Pinoxaden 5.1 % EC	Satisfactory
1179.	475523-F/9(4)2025	PEPTECH BIOSCIENCES LIMITED	Pinoxaden 5.1 % EC	Satisfactory
1180.	475041-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Pinoxaden 5.1% EC for indigenous manufacture	Satisfactory
1181.	473982-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Pinoxaden 5.1% EC for indigenous manufacture	Satisfactory
1182.	474452-F/9(4)2025	India Pesticides Limited	PRETILACHLOR 30.0% + PYRAZOSULFURON ETHYL 0.75% WG	Satisfactory
1183.	471472-F/9(4)2025	Acufine Lifesciences Private Limited	PRETILACHLOR 30.0% + PYRAZOSULFURON ETHYL0.75%WG	Satisfactory
1184.	435026-F/9(4)2023	WELPACK AGRO INDUSTRIES	Pretilachlor 37% w/w EW	Satisfactory
1185.	475988-F/9(4)2025	Hari Om Agro	Pretilachlor 37% w/w EW	Satisfactory
1186.	474566-F/9(4)2025	DHAPU KRISHI RASAYAN	Pretilachlor 50% E.C.	Satisfactory
1187.	475989-F/9(4)2025	Hari Om Agro	Pretilachlor 50% E.C.	Satisfactory
1188.	475369-F/9(4)2025	Nayra Crop Science	Pretilachlor 50% E.C.	Satisfactory
1189.	476068-F/9(4)2025	GROW SAFE SOLUTIONS	Pretilachlor 50% E.C.	Satisfactory
1190.	474921-F/9(4)2025	Jyothir Agriscience Private Limited	Pretilachlor-30.7% EC	Satisfactory

1191.	475571-F/9(4)2025	VANDE CROP CARE LIMITED	Pretilachlor-30.7% EC	Satisfactory
1192.	474569-F/9(4)2025	DHAPU KRISHI RASAYAN	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1193.	474925-F/9(4)2025	Jyothir Agriscience Private Limited	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1194.	473767-F/9(4)2025	UNITY CROP CARE	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1195.	474028-F/9(4)2025	GCS AGRO ENTERPRISES	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1196.	474509-F/9(4)2025	Trycon Crop Science Pvt Ltd	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1197.	475260-F/9(4)2025	Heranba Organics Private Limited	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1198.	475772-F/9(4)2025	MIRACLE CROP CARE	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1199.	475572-F/9(4)2025	VANDE CROP CARE LIMITED	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1200.	476083-F/9(4)2025	Anand Agro Chemicals	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1201.	475991-F/9(4)2025	Hari Om Agro	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1202.	475616-F/9(4)2025	Nayra Crop Science	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1203.	476109-F/9(4)2025	GROW SAFE SOLUTIONS	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1204.	476156-F/9(4)2025	AG Industries	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1205.	475823-F/9(4)2025	ALSC PRIVATE LIMITED	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1206.	475679-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1207.	476422-F/9(4)2025	SHAIL AGRO ORGANIC PRIVATE LIMITED	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1208.	476451-F/9(4)2025	Graphene Crop Science	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
1209.	475800-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	PROFENOFOS 40% + FENPYROXIMATE 2.5% EC	Satisfactory
1210.	474927-F/9(4)2025	Jyothir Agriscience Private Limited	Profenophos 50% EC	Satisfactory
1211.	473768-F/9(4)2025	UNITY CROP CARE	Profenophos 50% EC	Satisfactory
1212.	474348-F/9(4)2025	Trycon Crop Science Pvt Ltd	Profenophos 50% EC	Satisfactory
1213.	475617-F/9(4)2025	Nayra Crop Science	Profenophos 50% EC	Satisfactory
1214.	476157-F/9(4)2025	AG Industries	Profenophos 50% EC	Satisfactory
1215.	476108-F/9(4)2025	GROW SAFE SOLUTIONS	Profenophos 50% EC	Satisfactory
1216.	475677-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Profenophos 50% EC	Satisfactory
1217.	476413-F/9(4)2025	SHAIL AGRO ORGANIC PRIVATE LIMITED	Profenophos 50% EC	Satisfactory
1218.	475776-F/9(4)2025	Willowood Chemicals Ltd.	Propanil 80% DF	Satisfactory
1219.	468306-F/9(4)2025	M S P Agro Chemicals	Propaquizafop 10% EC	Satisfactory
1220.	474748-F/9(4)2025	Plantix Crop Care	Propaquizafop 10% EC	Satisfactory
1221.	474929-F/9(4)2025	Jyothir Agriscience Private Limited	Propaquizafop 10% EC	Satisfactory
1222.	473679-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Propaquizafop 10% EC	Satisfactory
1223.	472411-F/9(4)2025	HI CHEM PESTICIDES INDIA	Propaquizafop 10% EC	Satisfactory
1224.	476158-F/9(4)2025	AG Industries	Propaquizafop 10% EC	Satisfactory
1225.	476236-F/9(4)2025	FENGEL CROP SCIENCES	Propaquizafop 10% EC	Satisfactory
1226.	476501-F/9(4)2025	PINNACLE SEEDS RESEARCH COMPANY	Propaquizafop 10% EC	Satisfactory
1227.	475031-F/9(4)2025	Willowood Chemicals Ltd.	Propaquizafop 2.5% + Imazethapyr 3.75% ME	Satisfactory

1228.	473677-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Propaquizafop 2.5% + Imazethapyr 3.75% ME	Satisfactory
1229.	476279-F/9(4)2025	Srikar Biotech Private Limited	Propaquizafop 2.5% + Imazethapyr 3.75% ME	Satisfactory
1230.	474801-F/9(4)2025	Rushabh Crop Science	Propaquizafop 5% + Oxyfluorfen 12% EC	Satisfactory
1231.	474240-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Propaquizafop 5% + Oxyfluorfen 12% EC	Satisfactory
1232.	471480-F/9(4)2025	TAIWAN CROP CHEMICAL	Propaquizafop 5% + Oxyfluorfen 12% EC	Satisfactory
1233.	475119-F/9(4)2025	A S H BIO CHEMICALS	PROPARGITE 42% + HEXYTHIAZOX 2% EC	Satisfactory
1234.	453767-F/9(4)2024	PRISTINE AGRO LTD	PROPARGITE 42% + HEXYTHIAZOX 2% E	Satisfactory
1235.	474749-F/9(4)2025	Plantix Crop Care	Propargite 57% EC	Satisfactory
1236.	453776-F/9(4)2024	PRISTINE AGRO LTD	Propargite 57% EC	Satisfactory
1237.	473985-F/9(4)2025	Cocreate Global technologies private limited	Propiconazole 13.9% w/w + Difenoconazole 13.9% w/w EC	Satisfactory
1238.	475574-F/9(4)2025	VANDE CROP CARE LIMITED	Propiconazole 13.9% w/w + Difenoconazole 13.9% w/w EC	Satisfactory
1239.	474157-F/9(4)2025	UNIVERSAL AGRO TECH	Propiconazole 25% E.C	Satisfactory
1240.	475575-F/9(4)2025	VANDE CROP CARE LIMITED	Propiconazole 25% E.C	Satisfactory
1241.	475618-F/9(4)2025	Nayra Crop Science	Propiconazole 25% E.C	Satisfactory
1242.	475676-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Propiconazole 25% E.C	Satisfactory
1243.	475798-F/9(4)2025	SHRI BHERO PESTICIDES AND MINERALS INDUSTRIES	Propineb 70% WP	Satisfactory
1244.	471482-F/9(4)2025	TAIWAN CROP CHEMICAL	Pymetrozine 25.0% +Thiamethoxam 17.5% + Hexaconazole 12.5% WG	Satisfactory
1245.	474931-F/9(4)2025	Jyothir Agriscience Private Limited	PYMETROZINE 50% WG	Satisfactory
1246.	474650-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	PYMETROZINE 50% WG	Satisfactory
1247.	475576-F/9(4)2025	VANDE CROP CARE LIMITED	PYMETROZINE 50% WG	Satisfactory
1248.	475992-F/9(4)2025	Hari Om Agro	PYMETROZINE 50% WG	Satisfactory
1249.	475929-F/9(4)2025	ERA FORMULATION	PYMETROZINE 50% WG	Satisfactory
1250.	475513-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	PYMETROZINE 50% WG	Satisfactory
1251.	473607-F/9(4)2025	Nova Agri Sciences Pvt Ltd	Pyraclostrobin 10% + Thifluzamide 10% w/v SC	Satisfactory
1252.	474564-F/9(4)2025	MERCBEX CHEMICAL SCIENCE LLP	Pyraclostrobin 10% + Thifluzamide 10% w/v SC	Satisfactory
1253.	474792-F/9(4)2025	Rushabh Crop Science	Pyraclostrobin 10% + Thifluzamide 10% w/v SC	Satisfactory
1254.	475042-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Pyraclostrobin 10% + Thifluzamide 10% w/v SC	Satisfactory
1255.	476244-F/9(4)2025	FENGEL CROP SCIENCES	Pyraclostrobin 10% + Thifluzamide 10% w/v SC	Satisfactory
1256.	476502-F/9(4)2025	PINNACLE SEEDS RESEARCH COMPANY	Pyraclostrobin 10% + Thifluzamide 10% w/v SC	Satisfactory
1257.	471380-F/9(4)2025	TAIWAN CROP CHEMICAL	Pyraclostrobin 133 g/l + Epoxiconazole 50 g/l SE	Satisfactory
1258.	475273-F/9(4)2025	MODESTO CROP PROTECTION PVT. LTD.	Pyraclostrobin 133 g/l + Epoxiconazole 50 g/l SE	Satisfactory
1259.	474750-F/9(4)2025	Plantix Crop Care	Pyraclostrobin 20% WG	Satisfactory
1260.	475105-F/9(4)2025	Aagatti International Chemicals Private Limited	Pyraclostrobin 20% WG	Satisfactory
1261.	476328-F/9(4)2025	Penta Crop Science Industries	Pyraclostrobin 20% WG	Satisfactory
1262.	474751-F/9(4)2025	Plantix Crop Care	Pyraclostrobin 3.5% + Thiram 15% + Clothianidin 22.5% FS	Satisfactory
1263.	474980-F/9(4)2025	S.S. Agro Industries	Pyrazosulfuron ethyl 10% WP	Satisfactory

1264.	474944-F/9(4)2025	Jyothir Agriscience Private Limited	Pyrazosulfuron ethyl 10% WP	Satisfactory
1265.	471473-F/9(4)2025	Acufine Lifesciences Private Limited	Pyrazosulfuron ethyl 10% WP	Satisfactory
1266.	475342-F/9(4)2025	NATIONAL PESTICIDES AND CHEMICALS	Pyrethrum Extract 2% w/w	Satisfactory
1267.	474570-F/9(4)2025	DHAPU KRISHI RASAYAN	Pyriproxyfen 10% + Bifenthrin 10% w/w EC for indigenous manufacture	Satisfactory
1268.	473036-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Pyriproxyfen 10% + Bifenthrin 10% w/w EC for indigenous manufacture	Satisfactory
1269.	474341-F/9(4)2025	DEV AGROTECH	Pyriproxyfen 10% + Bifenthrin 10% w/w EC for indigenous manufacture	Satisfactory
1270.	474461-F/9(4)2025	Trycon Crop Science Pvt Ltd	Pyriproxyfen 10% + Bifenthrin 10% w/w EC for indigenous manufacture	Satisfactory
1271.	435029-F/9(4)2023	WELPACK AGRO INDUSTRIES	Pyriproxyfen 10% + Bifenthrin 10% w/w EC for indigenous manufacture	Satisfactory
1272.	474752-F/9(4)2025	Plantix Crop Care	Pyriproxyfen 10% EC	Satisfactory
1273.	471309-F/9(4)2025	LINEMARK CROP CARE	Pyriproxyfen 10% EC	Satisfactory
1274.	474351-F/9(4)2025	Trycon Crop Science Pvt Ltd	Pyriproxyfen 10% EC	Satisfactory
1275.	476401-F/9(4)2025	CENTRAL BIOTECH PRIVATE LIMITED	Pyriproxyfen 10% EC	Satisfactory
1276.	474323-F/9(4)2025	PRASHANT AGRIC SERVICES	PYRIPROXYFEN 5% + DIAFENTHIURON 25% SE	Satisfactory
1277.	476111-F/9(4)2025	GROW SAFE SOLUTIONS	PYRIPROXYFEN 5% + DIAFENTHIURON 25% SE	Satisfactory
1278.	453774-F/9(4)2024	PRISTINE AGRO LTD	PYRIPROXYFEN 5% + DIAFENTHIURON 25% SE	Satisfactory
1279.	435042-F/9(4)2023	WELPACK AGRO INDUSTRIES	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	Satisfactory
1280.	474481-F/9(4)2025	NACL Industries Limited	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	Satisfactory
1281.	474571-F/9(4)2025	DHAPU KRISHI RASAYAN	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	Satisfactory
1282.	474753-F/9(4)2025	Plantix Crop Care	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	Satisfactory
1283.	474946-F/9(4)2025	Jyothir Agriscience Private Limited	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	Satisfactory
1284.	475578-F/9(4)2025	VANDE CROP CARE LIMITED	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	Satisfactory
1285.	476112-F/9(4)2025	GROW SAFE SOLUTIONS	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	Satisfactory
1286.	471178-F/9(4)2025	BIOSIGNATURE CROP PRIVATE LIMITED	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	Satisfactory
1287.	474947-F/9(4)2025	Jyothir Agriscience Private Limited	Pyrithiobac- Sodium 10 % EC	Satisfactory
1288.	475276-F/9(4)2025	Grace Bio Care Pvt Ltd.	Pyrithiobac- Sodium 10 % EC	Satisfactory
1289.	474653-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Pyrithiobac- Sodium 10 % EC	Satisfactory
1290.	475817-F/9(4)2025	Willowood Chemicals Ltd.	Pyrithiobac sodium 6% + Quizalofop ethyl 4% MEC (Micro Emulsion Concentrate)	Satisfactory
1291.	474272-F/9(4)2025	United Chemicals Industries	Pyroxasulfone 85% WG	Satisfactory
1292.	474032-F/9(4)2025	MODERN AGRIGENETICS LIMITED	Pyroxasulfone 85% WG	Satisfactory
1293.	474327-F/9(4)2025	Satyam Agrochem (INDIA)	Pyroxasulfone 85% WG	Satisfactory
1294.	474421-F/9(4)2025	Northern Insecticides Pvt. Ltd.	Pyroxasulfone 85% WG	Satisfactory
1295.	473417-F/9(4)2025	S.N. CROP SCIENCES	Pyroxasulfone 85% WG	Satisfactory
1296.	475381-F/9(4)2025	Agrichem (India) Pvt. Ltd	Pyroxasulfone 85% WG	Satisfactory
1297.	475811-F/9(4)2025	FORWARD CROP PROTECTION PVT. LTD.	Pyroxasulfone 85% WG	Satisfactory

1298.	475993-F/9(4)2025	Hari Om Agro	Pyroxasulfone 85% WG	Satisfactory
1299.	476031-F/9(4)2025	S.S. Agro Industries	Pyroxasulfone 85% WG	Satisfactory
1300.	476023-F/9(4)2025	Wizard Corporation	Pyroxasulfone 85% WG	Satisfactory
1301.	475395-F/9(4)2025	Hindustan Agrisciences P	Pyroxasulfone 85% WG	Satisfactory
1302.	476242-F/9(4)2025	AG Industries	Pyroxasulfone 85% WG	Satisfactory
1303.	473556-F/9(4)2025	Galaxy Crop Care Pvt. Ltd	Pyroxasulfone 85% WG	Satisfactory
1304.	474785-F/9(4)2025	Neelagro Organics Private Limited	Quinalphos 25% EC	Satisfactory
1305.	475729-F/9(4)2025	Trycon Crop Science Pvt Ltd	Quinalphos 25% EC	Satisfactory
1306.	475674-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Quinalphos 25% EC	Satisfactory
1307.	474035-F/9(4)2025	MODERN AGRIGENETICS LIMITED	QUIZALOFOP ETHYL 10% EC	Satisfactory
1308.	474655-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	QUIZALOFOP ETHYL 10% EC	Satisfactory
1309.	474457-F/9(4)2025	Trycon Crop Science Pvt Ltd	QUIZALOFOP ETHYL 10% EC	Satisfactory
1310.	475579-F/9(4)2025	VANDE CROP CARE LIMITED	QUIZALOFOP ETHYL 10% EC	Satisfactory
1311.	475619-F/9(4)2025	Nayra Crop Science	QUIZALOFOP ETHYL 10% EC	Satisfactory
1312.	476113-F/9(4)2025	GROW SAFE SOLUTIONS	QUIZALOFOP ETHYL 10% EC	Satisfactory
1313.	475580-F/9(4)2025	VANDE CROP CARE LIMITED	QUIZALOFOP ETHYL 4% + OXYFLUORFEN 6% EC	Satisfactory
1314.	474573-F/9(4)2025	DHAPU KRISHI RASAYAN	QUIZALOFOP ETHYL 7.5% + IMAZETHAPYR 15 % EC	Satisfactory
1315.	471381-F/9(4)2025	TAIWAN CROP CHEMICAL	QUIZALOFOP ETHYL 7.5% + IMAZETHAPYR 15 % EC	Satisfactory
1316.	475581-F/9(4)2025	VANDE CROP CARE LIMITED	QUIZALOFOP ETHYL 7.5% + IMAZETHAPYR 15 % EC	Satisfactory
1317.	474658-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	QUIZALOFOP-ETHYL 5% w/w EC	Satisfactory
1318.	475007-F/9(4)2025	Willowood Chemicals Ltd.	Saflufenacil 70.0 % WG	Satisfactory
1319.	473983-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Saflufenacil 70.0 % WG	Satisfactory
1320.	473477-F/9(4)2025	MODERN AGRIGENETICS LIMITED	Sodium Acifluorfen 16.5% + Clodinafop-Propargyl 8% EC for indigenous manufacture	Satisfactory
1321.	474754-F/9(4)2025	Plantix Crop Care	Sodium Acifluorfen 16.5% + Clodinafop-Propargyl 8% EC for indigenous manufacture	Satisfactory
1322.	475553-F/9(4)2025	Tagros Chemicals India Private Limited	Sodium Acifluorfen 16.5% + Clodinafop-Propargyl 8% EC for indigenous manufacture	Satisfactory
1323.	476114-F/9(4)2025	GROW SAFE SOLUTIONS	Sodium Acifluorfen 16.5% + Clodinafop-Propargyl 8% EC for indigenous manufacture	Satisfactory
1324.	473478-F/9(4)2025	MODERN AGRIGENETICS LIMITED	SODIUM PARA-NITRO PHENOLATE 0.3 % SL	Satisfactory
1325.	473940-F/9(4)2025	Triveni Insecticides Private Limited	SODIUM PARA-NITRO PHENOLATE 0.3 % SL	Satisfactory
1326.	474755-F/9(4)2025	Plantix Crop Care	SODIUM PARA-NITRO PHENOLATE 0.3 % SL	Satisfactory
1327.	475315-F/9(4)2025	IHI Cropscience Private Limited	SODIUM PARA-NITRO PHENOLATE 0.3 % SL	Satisfactory
1328.	475306-F/9(4)2025	Malay Enterprise	SODIUM PARA-NITRO PHENOLATE 0.3 % SL	Satisfactory
1329.	475591-F/9(4)2025	VANDE CROP CARE LIMITED	SODIUM PARA-NITRO PHENOLATE 0.3 % SL	Satisfactory
1330.	475586-F/9(4)2025	Wizard Corporation	SODIUM PARA-NITRO PHENOLATE 0.3 % SL	Satisfactory
1331.	476404-F/9(4)2025	OAT AND IIL INDIA LABORATORIES PRIVATE LIMITED	SODIUM PARA-NITRO PHENOLATE 0.3 % SL	Satisfactory
1332.	476331-F/9(4)2025	Penta Crop Science Industries	SODIUM PARA-NITRO PHENOLATE 0.3 % SL	Satisfactory

1333.	474756-F/9(4)2025	Plantix Crop Care	Spinetoram11.7% SC	Satisfactory
1334.	474948-F/9(4)2025	Jyothir Agriscience Private Limited	Spinetoram11.7% SC	Satisfactory
1335.	475557-F/9(4)2025	Tagros Chemicals India Private Limited	Spinetoram11.7% SC	Satisfactory
1336.	476410-F/9(4)2025	ALSC PRIVATE LIMITED	Spinetoram11.7% SC	Satisfactory
1337.	474949-F/9(4)2025	Jyothir Agriscience Private Limited	Spinosad 45% SC	Satisfactory
1338.	434993-F/9(4)2023	WELPACK AGRO INDUSTRIES	Spinosad 45% SC	Satisfactory
1339.	475559-F/9(4)2025	Tagros Chemicals India Private Limited	Spinosad 45% SC	Satisfactory
1340.	435038-F/9(4)2023	WELPACK AGRO INDUSTRIES	Spiromesifen 22.9% SC	Satisfactory
1341.	474757-F/9(4)2025	Plantix Crop Care	Spiromesifen 22.9% SC	Satisfactory
1342.	475106-F/9(4)2025	Aagatti International Chemicals Private Limited	Spiromesifen 22.9% SC	Satisfactory
1343.	474659-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Spiromesifen 22.9% SC	Satisfactory
1344.	471314-F/9(4)2025	LINEMARK CROP CARE	Spiromesifen 22.9% SC	Satisfactory
1345.	475235-F/9(4)2025	NEW PACK AGRO CHEM	Sulfentrazone 19% + Pretilachlor 28.5% SE	Satisfactory
1346.	476394-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Sulfentrazone 19% + Pretilachlor 28.5% SE	Satisfactory
1347.	475794-F/9(4)2025	Willowood Chemicals Ltd.	Sulfentrazone 28% + Clomazone 30% WP	Satisfactory
1348.	474260-F/9(4)2025	MODESTO CROP PROTECTION PVT. LTD.	SULFENTRAZONE 39.6 % w/w SC	Satisfactory
1349.	475749-F/9(4)2025	Arqivo Crop Solutions Pvt Ltd	SULFENTRAZONE 39.6 % w/w SC	Satisfactory
1350.	475673-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	SULFENTRAZONE 39.6 % w/w SC	Satisfactory
1351.	473993-F/9(4)2025	Cocreate Global technologies private limited	Sulfosulfuron 75% + Metsulfuron methyl 5% WG	Satisfactory
1352.	474758-F/9(4)2025	Plantix Crop Care	Sulfosulfuron 75% + Metsulfuron methyl 5% WG	Satisfactory
1353.	474759-F/9(4)2025	Plantix Crop Care	Sulfosulfuron 75% WG	Satisfactory
1354.	474356-F/9(4)2025	Aqua Crop Chemicals Pvt Ltd	Sulfosulfuron 75% WG	Satisfactory
1355.	475175-F/9(4)2025	Wizard Corporation	Sulfosulfuron 75% WG	Satisfactory
1356.	475592-F/9(4)2025	VANDE CROP CARE LIMITED	Sulphur 55.16% SC	Satisfactory
1357.	474160-F/9(4)2025	UNIVERSAL AGRO TECH	Sulphur 80% WDG	Satisfactory
1358.	475261-F/9(4)2025	Heranba Organics Private Limited	Sulphur 80% WDG	Satisfactory
1359.	457687-F/9(4)2024	PIXELIN SCIENCES PRIVATE LIMITED	Sulphur 80% WDG	Satisfactory
1360.	475593-F/9(4)2025	VANDE CROP CARE LIMITED	Sulphur 80% WDG	Satisfactory
1361.	475994-F/9(4)2025	Hari Om Agro	Sulphur 80% WDG	Satisfactory
1362.	476084-F/9(4)2025	Anand Agro Chemicals	Sulphur 80% WDG	Satisfactory
1363.	475620-F/9(4)2025	Nayra Crop Science	Sulphur 80% WDG	Satisfactory
1364.	476115-F/9(4)2025	GROW SAFE SOLUTIONS	Sulphur 80% WDG	Satisfactory
1365.	474463-F/9(4)2025	SHRI KRISHNA BIOCHEM PVT LTD	Sulphur 85% D.P.	Satisfactory
1366.	474575-F/9(4)2025	DHAPU KRISHI RASAYAN	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1367.	474787-F/9(4)2025	Neelagro Organics Private Limited	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1368.	474951-F/9(4)2025	Jyothir Agriscience Private Limited	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1369.	474161-F/9(4)2025	UNIVERSAL AGRO TECH	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1370.	474459-F/9(4)2025	Trycon Crop Science Pvt Ltd	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1371.	475773-F/9(4)2025	MIRACLE CROP CARE	Tebuconazole 10% + Sulphur 65% WG	Satisfactory

1372.	475594-F/9(4)2025	VANDE CROP CARE LIMITED	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1373.	475995-F/9(4)2025	Hari Om Agro	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1374.	475622-F/9(4)2025	Nayra Crop Science	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1375.	474279-F/9(4)2025	PERFECT SOLUTIONS	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1376.	476500-F/9(4)2025	M/s Techno Soilchem (I) Ltd.	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1377.	435014-F/9(4)2023	WELPACK AGRO INDUSTRIES	Tebuconazole 25.9% E.C.	Satisfactory
1378.	475595-F/9(4)2025	VANDE CROP CARE LIMITED	Tebuconazole 25.9% E.C.	Satisfactory
1379.	473474-F/9(4)2025	MODERN AGRIGENETICS LIMITED	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1380.	474422-F/9(4)2025	Northern Insecticides Pvt. Ltd.	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1381.	471618-F/9(4)2025	BIOZYNE CROP GUARD	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1382.	472620-F/9(4)2025	Karnataka Agro Corporation	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1383.	474760-F/9(4)2025	Plantix Crop Care	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1384.	475050-F/9(4)2025	JU AGRI SCIENCES PRIVATE LIMITED	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1385.	474275-F/9(4)2025	CHEMLEY AGRITECH PRIVATE LIMITED	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1386.	475051-F/9(4)2025	TROPICAL AGROSYSTEM (INDIA) PVT. LTD.	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1387.	474662-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1388.	474835-F/9(4)2025	CROP FIELD SCIENCE	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1389.	434992-F/9(4)2023	WELPACK AGRO INDUSTRIES	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1390.	475563-F/9(4)2025	Tagros Chemicals India Private Limited	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1391.	475494-F/9(4)2025	Wizard Corporation	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1392.	475945-F/9(4)2025	Hindustan Agrisciences P	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1393.	476248-F/9(4)2025	FENGEL CROP SCIENCES	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1394.	473564-F/9(4)2025	Galaxy Crop Care Pvt. Ltd	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1395.	476165-F/9(4)2025	Sumoto Crop Science	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1396.	435019-F/9(4)2023	WELPACK AGRO INDUSTRIES	TEBUCONAZOLE 6.7% + CAPTAN 26.9% W/W SC	Satisfactory
1397.	475973-F/9(4)2025	Tagros Chemicals India Private Limited	TEBUCONAZOLE 6.7% + CAPTAN 26.9% W/W SC	Satisfactory
1398.	473473-F/9(4)2025	MODERN AGRIGENETICS LIMITED	Tembotrione 34.4% w/w SC	Satisfactory
1399.	472096-F/9(4)2025	ARYSTO CROP PROTECTION PVT LTD	Tembotrione 34.4% w/w SC	Satisfactory
1400.	474048-F/9(4)2025	Sumitomo Chemical India Ltd	Tembotrione 34.4% w/w SC	Satisfactory
1401.	473939-F/9(4)2025	Triveni Insecticides Private Limited	Tembotrione 34.4% w/w SC	Satisfactory
1402.	474761-F/9(4)2025	Plantix Crop Care	Tembotrione 34.4% w/w SC	Satisfactory
1403.	474981-F/9(4)2025	S.S. Agro Industries	Tembotrione 34.4% w/w SC	Satisfactory
1404.	473037-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Tembotrione 34.4% w/w SC	Satisfactory
1405.	474953-F/9(4)2025	Jyothir Agriscience Private Limited	Tembotrione 34.4% w/w SC	Satisfactory
1406.	472728-F/9(4)2025	Foryou Agro LLP	Tembotrione 34.4% w/w SC	Satisfactory
1407.	474663-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Tembotrione 34.4% w/w SC	Satisfactory
1408.	475297-F/9(4)2025	IHI Cropscience Private Limited	Tembotrione 34.4% w/w SC	Satisfactory

1409.	474291-F/9(4)2025	DCS AGRO CARE PRIVATE LIMITED	Tembotrione 34.4% w/w SC	Satisfactory
1410.	475596-F/9(4)2025	VANDE CROP CARE LIMITED	Tembotrione 34.4% w/w SC	Satisfactory
1411.	475997-F/9(4)2025	Hari Om Agro	Tembotrione 34.4% w/w SC	Satisfactory
1412.	475623-F/9(4)2025	Nayra Crop Science	Tembotrione 34.4% w/w SC	Satisfactory
1413.	393659-F/9(4)2022	Nav Durga Agroscience Pvt. Ltd	Tembotrione 34.4% w/w SC	Satisfactory
1414.	467497- F/9(4)2025	NEW INDIA PESTICIDES	Tembotrione 34.4% w/w SC	Satisfactory
1415.	473143-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Tembotrione 9% + Atrazine 45% WG	Satisfactory
1416.	474125-F/9(4)2025	Malay Enterprise	Tembotrione 9% + Atrazine 45% WG	Satisfactory
1417.	474444-F/9(4)2025	V SPAK PESTICIDES INDIA LIMITED	Tembotrione 9% + Atrazine 45% WG	Satisfactory
1418.	475584-F/9(4)2025	Wizard Corporation	Tembotrione 9% + Atrazine 45% WG	Satisfactory
1419.	476277-F/9(4)2025	Srikar Biotech Private Limited	Tembotrione 9% + Atrazine 45% WG	Satisfactory
1420.	467497-F/9(4)2025	NEW INDIA PESTICIDES	Tembotrione34.4% w/w SC	Satisfactory
1421.	474604-F/9(4)2025	AGASTYA AGRO LIMITED	Temephos 50% E.C	Satisfactory
1422.	474090-F/9(4)2025	MODESTO CROP PROTECTION PVT. LTD.	Thiacloprid 21.7% SC	Satisfactory
1423.	467498-F/9(4)2025	NEW INDIA PESTICIDES	Thiamethoxam 12.6% +Lambda-Cyhalothrin9.5%ZC for indigenous manufacture	Satisfactory
1424.	474545-F/9(4)2025	Excel Biotech Pvt. Ltd.	THIAMETHOXAM 1.0% + CHLORANTRANILIPROLE 0.5% GR	Satisfactory
1425.	472875-F/9(4)2025	Saffire Crop Science Private Limited	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1426.	474576-F/9(4)2025	DHAPU KRISHI RASAYAN	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1427.	474998-F/9(4)2025	S.S. Agro Industries	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1428.	474955-F/9(4)2025	Jyothir Agriscience Private Limited	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1429.	473771-F/9(4)2025	UNITY CROP CARE	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1430.	474162-F/9(4)2025	UNIVERSAL AGRO TECH	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1431.	435024-F/9(4)2023	WELPACK AGRO INDUSTRIES	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1432.	475597-F/9(4)2025	VANDE CROP CARE LIMITED	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1433.	475998-F/9(4)2025	Hari Om Agro	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1434.	475625-F/9(4)2025	Nayra Crop Science	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1435.	476507-F/9(4)2025	M/s Techno Soilchem (I) Ltd.	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1436.	467498- F/9(4)2025	NEW INDIA PESTICIDES	Thiamethoxam 12.6% +LambdaCyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory

1437.	473875-F/9(4)2025	Nutrienty Crop Care Private Limited	Thiamethoxam 25% WG	Satisfactory
1438.	474577-F/9(4)2025	DHAPU KRISHI RASAYAN	Thiamethoxam 25% WG	Satisfactory
1439.	474786-F/9(4)2025	Neelagro Organics Private Limited	Thiamethoxam 25% WG	Satisfactory
1440.	474956-F/9(4)2025	Jyothir Agriscience Private Limited	Thiamethoxam 25% WG	Satisfactory
1441.	473680-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Thiamethoxam 25% WG	Satisfactory
1442.	455523-F/9(4)2024	PIXELIN SCIENCES PRIVATE LIMITED	Thiamethoxam 25% WG	Satisfactory
1443.	475509-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Thiamethoxam 25% WG	Satisfactory
1444.	475598-F/9(4)2025	VANDE CROP CARE LIMITED	Thiamethoxam 25% WG	Satisfactory
1445.	475999-F/9(4)2025	Hari Om Agro	Thiamethoxam 25% WG	Satisfactory
1446.	476085-F/9(4)2025	Anand Agro Chemicals	Thiamethoxam 25% WG	Satisfactory
1447.	475626-F/9(4)2025	Nayra Crop Science	Thiamethoxam 25% WG	Satisfactory
1448.	475672-F/9(4)2025	QUALITY BIZ CHEM INDIA PRIVATE LIMITED	Thiamethoxam 25% WG	Satisfactory
1449.	476418-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Thiamethoxam 25% WG	Satisfactory
1450.	474578-F/9(4)2025	DHAPU KRISHI RASAYAN	Thiamethoxam 30% FS	Satisfactory
1451.	474957-F/9(4)2025	Jyothir Agriscience Private Limited	Thiamethoxam 30% FS	Satisfactory
1452.	473773-F/9(4)2025	UNITY CROP CARE	Thiamethoxam 30% FS	Satisfactory
1453.	475599-F/9(4)2025	VANDE CROP CARE LIMITED	Thiamethoxam 30% FS	Satisfactory
1454.	476002-F/9(4)2025	Hari Om Agro	Thiamethoxam 30% FS	Satisfactory
1455.	476086-F/9(4)2025	Anand Agro Chemicals	Thiamethoxam 30% FS	Satisfactory
1456.	475627-F/9(4)2025	Nayra Crop Science	Thiamethoxam 30% FS	Satisfactory
1457.	476209-F/9(4)2025	BAJRANG RASAYAN	Thiamethoxam 30% FS	Satisfactory
1458.	476497-F/9(4)2025	M/s Techno Soilchem (I) Ltd.	Thiamethoxam 30% FS	Satisfactory
1459.	471126-F/9(4)2025	PRISTINE AGRO LTD	Thiamethoxam 30% FS	Satisfactory
1460.	473681-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	THIAMETHOXAM 75% w/w SG	Satisfactory
1461.	476000-F/9(4)2025	Hari Om Agro	THIAMETHOXAM 75% w/w SG	Satisfactory
1462.	476087-F/9(4)2025	Anand Agro Chemicals	THIAMETHOXAM 75% w/w SG	Satisfactory
1463.	471485-F/9(4)2025	Acufine Lifesciences Private Limited	Thiamethoxam12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1464.	473472-F/9(4)2025	MODERN AGRIGENETICS LIMITED	Thifluzamide 24 % SC	Satisfactory
1465.	472049-F/9(4)2025	Excel Biotech Pvt. Ltd.	Thifluzamide 24 % SC	Satisfactory
1466.	471611-F/9(4)2025	BIOZYNE CROP GUARD	Thifluzamide 24 % SC	Satisfactory
1467.	475183-F/9(4)2025	Gujrat Pesticides Company	Thifluzamide 24 % SC	Satisfactory
1468.	475035-F/9(4)2025	Willowood Chemicals Ltd.	Thifluzamide 24 % SC	Satisfactory
1469.	475600-F/9(4)2025	VANDE CROP CARE LIMITED	Thifluzamide 24 % SC	Satisfactory
1470.	476001-F/9(4)2025	Hari Om Agro	Thifluzamide 24 % SC	Satisfactory
1471.	474440-F/9(4)2025	Sharda Cropchem Ltd.	THIOCYCLAM HYDROGEN OXALATE 4% GR	Satisfactory
1472.	475043-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	THIOCYCLAM HYDROGEN OXALATE 50% SP	Satisfactory
1473.	474837-F/9(4)2025	CROP FIELD SCIENCE	Thiophanate methyl 38% + Kasugamycin 2.21% SC	Satisfactory
1474.	474633-F/9(4)2025	VINSENT CROP SCIENCE CHEMICAL PVT LTD	Thiophanate Methyl 41.7% SC	Satisfactory
1475.	476397-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Thiophanate Methyl 41.7% SC	Satisfactory
1476.	473038-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Thiophanate Methyl 70% WP	Satisfactory

1477.	474958-F/9(4)2025	Jyothir Agriscience Private Limited	Thiophanate Methyl 70% WP	Satisfactory
1478.	474836-F/9(4)2025	CROP FIELD SCIENCE	Thiophanate Methyl 70% WP	Satisfactory
1479.	475601-F/9(4)2025	VANDE CROP CARE LIMITED	Thiophanate Methyl 70% WP	Satisfactory
1480.	475628-F/9(4)2025	Nayra Crop Science	Thiophanate Methyl 70% WP	Satisfactory
1481.	476201-F/9(4)2025	Ananya Agro Products Services Pvt Ltd	Thiophanate Methyl 70% WP	Satisfactory
1482.	467731- F/9(4)2025	NEW INDIA PESTICIDES	Thiophanate Methyl 70% WP	Satisfactory
1483.	467731-F/9(4)2025	NEW INDIA PESTICIDES	ThiophanateMethyl 70% WP	Satisfactory
1484.	473683-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Tolfenpyrad 15% +Bifenthrin 7.5 % SE	Satisfactory
1485.	475569-F/9(4)2025	RalphAgro Rasayan Private Limited	Tolfenpyrad 15% +Bifenthrin 7.5 % SE	Satisfactory
1486.	475602-F/9(4)2025	VANDE CROP CARE LIMITED	Tolfenpyrad 15% +Bifenthrin 7.5 % SE	Satisfactory
1487.	474762-F/9(4)2025	Plantix Crop Care	Tolfenpyrad 15%EC	Satisfactory
1488.	473039-F/9(4)2025	Eccostar Agri Care Pvt. Ltd.	Tolfenpyrad 15%EC	Satisfactory
1489.	474960-F/9(4)2025	Jyothir Agriscience Private Limited	Tolfenpyrad 15%EC	Satisfactory
1490.	475107-F/9(4)2025	Aagatti International Chemicals Private Limited	Tolfenpyrad 15%EC	Satisfactory
1491.	474838-F/9(4)2025	CROP FIELD SCIENCE	Tolfenpyrad 15%EC	Satisfactory
1492.	473685-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Tolfenpyrad 15%EC	Satisfactory
1493.	474369-F/9(4)2025	Trycon Crop Science Pvt Ltd	Tolfenpyrad 15%EC	Satisfactory
1494.	435025-F/9(4)2023	WELPACK AGRO INDUSTRIES	Tolfenpyrad 15%EC	Satisfactory
1495.	475582-F/9(4)2025	RalphAgro Rasayan Private Limited	Tolfenpyrad 15%EC	Satisfactory
1496.	475603-F/9(4)2025	VANDE CROP CARE LIMITED	Tolfenpyrad 15%EC	Satisfactory
1497.	453775-F/9(4)2024	PRISTINE AGRO LTD	Tolfenpyrad 15%EC	Satisfactory
1498.	474122-F/9(4)2025	Malay Enterprise	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1499.	474447-F/9(4)2025	V SPAK PESTICIDES INDIA LIMITED	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1500.	474763-F/9(4)2025	Plantix Crop Care	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1501.	474563-F/9(4)2025	MERCBEX CHEMICAL SCIENCE LLP	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1502.	469768-F/9(4)2025	Nabadurga Pesticides Private Limited	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1503.	475643-F/9(4)2025	Sai Crop Science Pvt Ltd	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1504.	470761-F/9(4)2025	ADAMA India Pvt. Ltd.	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1505.	475468-F/9(4)2025	Crop Care Pesticides (India) Pvt. Ltd.	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1506.	471484-F/9(4)2025	TAIWAN CROP CHEMICAL	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1507.	475604-F/9(4)2025	VANDE CROP CARE LIMITED	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1508.	471486-F/9(4)2025	Acufine Lifesciences Private Limited	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1509.	474764-F/9(4)2025	Plantix Crop Care	Topramezone 336 g/l (w/v) SC	Satisfactory
1510.	474992-F/9(4)2025	S.S. Agro Industries	Topramezone 336 g/l (w/v) SC	Satisfactory
1511.	474961-F/9(4)2025	Jyothir Agriscience Private Limited	Topramezone 336 g/l (w/v) SC	Satisfactory
1512.	474664-F/9(4)2025	LEVANTIS AGROLIFE PRIVATE LIMITED	Topramezone 336 g/l (w/v) SC	Satisfactory
1513.	474839-F/9(4)2025	CROP FIELD SCIENCE	Topramezone 336 g/l (w/v) SC	Satisfactory
1514.	435020-F/9(4)2023	WELPACK AGRO INDUSTRIES	Topramezone 336 g/l (w/v) SC	Satisfactory
1515.	471382-F/9(4)2025	TAIWAN CROP CHEMICAL	Topramezone 336 g/l (w/v) SC	Satisfactory

1516.	475176-F/9(4)2025	Wizard Corporation	Topramezone 336 g/l (w/v) SC	Satisfactory
1517.	472413-F/9(4)2025	HI CHEM PESTICIDES INDIA	Topramezone 336 g/l (w/v) SC	Satisfactory
1518.	476022-F/9(4)2025	Krushi Crop Science.	Topramezone 336 g/l (w/v) SC	Satisfactory
1519.	473566-F/9(4)2025	Galaxy Crop Care Pvt. Ltd	Topramezone 336 g/l (w/v) SC	Satisfactory
1520.	393674-F/9(4)2022	Nav Durga Agroscience Pvt. Ltd	Topramezone 336 g/l (w/v) SC	Satisfactory
1521.	471487-F/9(4)2025	Acufine Lifesciences Private Limited	Topramezone336g/l (w/v) SC	Satisfactory
1522.	475740-F/9(4)2025	POLYCLASS INDUSTRIES	Transfluthrin 1% FU	Satisfactory
1523.	475662-F/9(4)2025	Wagda Agro Industry	TRANSFLUTHRIN 1.0% + CYPERMETHRIN 0.25% spray.	Satisfactory
1524.	474766-F/9(4)2025	Plantix Crop Care	Triacontanol EC 0.05% Min.	Satisfactory
1525.	474962-F/9(4)2025	Jyothir Agriscience Private Limited	Triacontanol EW 0.1% MIN.	Satisfactory
1526.	473774-F/9(4)2025	UNITY CROP CARE	Triacontanol EW 0.1% MIN.	Satisfactory
1527.	474163-F/9(4)2025	UNIVERSAL AGRO TECH	Triacontanol EW 0.1% MIN.	Satisfactory
1528.	475310-F/9(4)2025	IHI Cropscience Private Limited	Triacontanol EW 0.1% MIN.	Satisfactory
1529.	474579-F/9(4)2025	Pure Check India Private Limited	Triacontanol EW 0.1% MIN.	Satisfactory
1530.	471488-F/9(4)2025	Acufine Lifesciences Private Limited	Triacontanol EW 0.1% MIN.	Satisfactory
1531.	475312-F/9(4)2025	IHI Cropscience Private Limited	Triacontanol GR 0.05% Min.	Satisfactory
1532.	476088-F/9(4)2025	Anand Agro Chemicals	Triacontanol GR 0.05% Min.	Satisfactory
1533.	476004-F/9(4)2025	Hari Om Agro	Triacontanol GR 0.05% Min.	Satisfactory
1534.	471489-F/9(4)2025	Acufine Lifesciences Private Limited	Triacontanol GR 0.05% Min.	Satisfactory
1535.	474771-F/9(4)2025	Plantix Crop Care	TRICYCLAZOLE 18.0% + TEBUCONAZOLE 14.4% SC	Satisfactory
1536.	474772-F/9(4)2025	Plantix Crop Care	TRICYCLAZOLE 20.4% w/w + AZOXYSTROBIN 6.8% w/w SC	Satisfactory
1537.	475508-F/9(4)2025	SOLAR CHEMFERTS PVT LTD	Tricyclazole 45% + Hexaconazole 10% WG for indigenous manufacture	Satisfactory
1538.	475605-F/9(4)2025	VANDE CROP CARE LIMITED	Tricyclazole 75% W.P.	Satisfactory
1539.	471617-F/9(4)2025	BIOZYNE CROP GUARD	TRIFLUMEZOPYRIM 10% w/w SC	Satisfactory
1540.	474964-F/9(4)2025	Jyothir Agriscience Private Limited	TRIFLUMEZOPYRIM 10% w/w SC	Satisfactory
1541.	474999-F/9(4)2025	M S P Agro Chemicals	TRIFLUMEZOPYRIM 10% w/w SC	Satisfactory
1542.	475566-F/9(4)2025	Tagros Chemicals India Private Limited	TRIFLUMEZOPYRIM 10% w/w SC	Satisfactory
1543.	475583-F/9(4)2025	RalphAgro Rasayan Private Limited	TRIFLUMEZOPYRIM 10% w/w SC	Satisfactory
1544.	474661-F/9(4)2025	MATRIX CHEMTECH PVT LTD	Triflumezopyrim 20% WG	Satisfactory
1545.	475044-F/9(4)2025	AEGIS AGRO CHEMICALS INDIA PRIVATE LIMITED	Triflumezopyrim 20% WG	Satisfactory
1546.	470317-F/9(4)2025	UNIQUE BIOSCIENCE PRIVATE LIMITED	Validamycin 3% L	Satisfactory
1547.	475774-F/9(4)2025	MIRACLE CROP CARE	Validamycin 3% L	Satisfactory
1548.	476005-F/9(4)2025	Hari Om Agro	Validamycin 3% L	Satisfactory
1549.	474439-F/9(4)2025	Aqua Crop Chemicals Pvt Ltd	Validamycin 5% + Tebuconazole 15% SC	Satisfactory
1550.	474326-F/9(4)2025	Global Agri Ventures	Validamycin 5% + Tebuconazole 15% SC	Satisfactory
1551.	468556-F/9(4)2025	Silver Crop Science Pvt. Ltd.	Ziram-80% WP	Satisfactory
1552.	476990-F/9(4)2025	Devatha Agrofarms LLP	Dimethoate 30% E.C	Satisfactory
1553.	476991-F/9(4)2025	Devatha Agrofarms LLP	Fipronil 0.3% G.R.	Satisfactory

1554.	476992-F/9(4)2025	Devatha Agrofarms LLP	Fipronil 0.6% w/w GR	Satisfactory
1555.	476993-F/9(4)2025	Devatha Agrofarms LLP	2,4-D Ethyl Ester 38% E.C. (Having 2,4-D, Acid 34% w/w)	Satisfactory
1556.	476995-F/9(4)2025	Devatha Agrofarms LLP	Diclosulam 84% WG	Satisfactory
1557.	476996-F/9(4)2025	Devatha Agrofarms LLP	PENOXSULAM 2.67% w/w OD	Satisfactory
1558.	476997-F/9(4)2025	Devatha Agrofarms LLP	Emamectin Benzoate 1.9% EC	Satisfactory
1559.	476998-F/9(4)2025	Devatha Agrofarms LLP	Buprofenzin 15% + Acephate 35% WP for indigenous manufacture	Satisfactory
1560.	476999-F/9(4)2025	Devatha Agrofarms LLP	Pretilachlor 6.0% + Pyrazosulfuron Ethyl 0.15% GR for indigenous manufacture	Satisfactory
1561.	477000-F/9(4)2025	Devatha Agrofarms LLP	Metsulfuron Methyl 10% w/w + Chlorimuron Ethyl 10% WP	Satisfactory
1562.	477004-F/9(4)2025	Devatha Agrofarms LLP	Picoxystrobin 6.78% w/w +Tricyclazole 20.33% w/w SC	Satisfactory
1563.	477001-F/9(4)2025	Devatha Agrofarms LLP	Tembotrione 9% + Atrazine 45% WG	Satisfactory
1564.	477002-F/9(4)2025	Devatha Agrofarms LLP	FIPRONIL 7% + HEXITHIAZOX 2% SC	Satisfactory
1565.	477005-F/9(4)2025	Devatha Agrofarms LLP	Neem Kernel Based EC Containing Azadirachtin 0.3% w/w min.(3000 PPM)	Satisfactory
1566.	477006-F/9(4)2025	Devatha Agrofarms LLP	Neem Oil Based EC containing Azadirachtin 0.03% (300 PPM) Min.	Satisfactory
1567.	477274-F/9(4)2025	Devatha Agrofarms LLP	Chlorpyriphos 20%E.C	Satisfactory
1568.	477273-F/9(4)2025	Devatha Agrofarms LLP	Chlorpyrifos 16% + Alphacypermethrin 1% E.C	Satisfactory

Annexure-8.48.1

9(4) FIM applications

S. No.	Application No.	Company Name	Product Name	Remark
1.	476994-F/9(4)2025	Devatha Agrofarms LLP	2, 4-D Sodium Salt 80% WP	Rejected
2.	478024-F/9(4)2025	Hemani Crop Care Private Limited	2, 4-D Sodium Salt 80% WP	Rejected
3.	476339-F/9(4)2025	Hemani Crop Care Private Limited	2,4-D amine salt 58% S.L.	Satisfactory
4.	471144-F/9(4)2025	INPEST INDIA PRIVATE LIMITED	2,4-D amine salt 58% S.L.	Satisfactory
5.	477125-F/9(4)2025	Tasaki Agro India Private Limited	2,4-D amine salt 58% S.L.	Satisfactory
6.	476596-F/9(4)2025	PLANT BIOCHEM PVT LTD	2,4-D amine salt 58% S.L.	Satisfactory
7.	478031-F/9(4)2025	Omkar Chemical Industries	2,4-D amine salt 58% S.L.	Satisfactory
8.	477612-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	2,4-D amine salt 58% S.L.	Satisfactory
9.	478259-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	2,4-D amine salt 58% S.L.	Satisfactory
10.	478305-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	2,4-D amine salt 58% S.L.	Satisfactory
11.	476346-F/9(4)2025	HemaniIndustries Ltd.,	2,4-D ETHYL ESTER 20% W.P. (Containing 2,4-D Acid 18% w/w)	Satisfactory
12.	476435-F/9(4)2025	Hemani Crop Care Private Limited	2,4-D ETHYL ESTER 20% W.P. (Containing 2,4-D Acid 18% w/w)	Satisfactory
13.	477832-F/9(4)2025	PROXIMA BIOTECH PRIVATE LIMITED	2,4-D Ethyl Ester 38% E.C. (Having 2,4-D, Acid 34% w/w)	Satisfactory
14.	477679-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	2,4-D Ethyl Ester 38% E.C. (Having 2,4-D, Acid 34% w/w)	Satisfactory
15.	477208-F/9(4)2025	Aventis Agro Chemical and Exports	2,4-D Sodium salt 44% + Metribuzin 35% + Pyrazosulfuron ethyl 1.0 % WDG	Satisfactory
16.	477270-F/9(4)2025	INPEST INDIA PRIVATE LIMITED	2,4-D Sodium salt 44% + Metribuzin 35% + Pyrazosulfuron ethyl 1.0 % WDG	Satisfactory
17.	477419-F/9(4)2025	Nova Farmaid (India)	2,4-D Sodium salt 44% + Metribuzin 35% + Pyrazosulfuron ethyl 1.0 % WDG	Satisfactory
18.	476423-F/9(4)2025	INDOCHEM AGROVET PVT LTD	ABAMECTIN 1.9% EC	Satisfactory
19.	476467-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	ABAMECTIN 1.9% EC	Satisfactory
20.	476708-F/9(4)2025	Chemstack private Limired	ABAMECTIN 1.9% EC	Satisfactory
21.	477367-F/9(4)2025	Greentex Agro Science	ABAMECTIN 1.9% EC	Satisfactory
22.	477755-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	ABAMECTIN 1.9% EC	Satisfactory
23.	478122-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	ABAMECTIN 1.9% EC	Satisfactory
24.	478372-F/9(4)2025	DEXTON CROP GUARD	ABAMECTIN 1.9% EC	Satisfactory
25.	468005-F/9(4)2025	SHREE DATT AGRI TECH	Acephate 50% + Fipronil 5% WDG	Satisfactory

26.	476231-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Acephate 50% +Imidacloprid 1.8% SP	Satisfactory
27.	477127-F/9(4)2025	Tasaki Agro India Private Limited	Acephate 50% +Imidacloprid 1.8% SP	Satisfactory
28.	477864-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Acephate 50% +Imidacloprid 1.8% SP	Satisfactory
29.	478123-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Acephate 75% SP	Satisfactory
30.	476415-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Acetamiprid 20% SP	Satisfactory
31.	477325-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Acetamiprid 20% SP	Satisfactory
32.	477759-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Acetamiprid 20% SP	Satisfactory
33.	478124-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Acetamiprid 20% SP	Satisfactory
34.	477013-F/9(4)2025	HCM Agro Products Private Limited	Acetamiprid 25% + Bifenthrin 25% WG	Satisfactory
35.	456279-F/9(4)2024	MEGHA AGRO INDUSTRIES	Alphacypermethrin 10% EC	Satisfactory
36.	477984-F/9(4)2025	Parikh Enterprises Pvt.Ltd.	Alphacypermethrin 10% EC	Satisfactory
37.	474200-F/9(4)2025	MAHALAXMI CHEMICALS	Alphacypermethrin 10% SC	Satisfactory
38.	474199-F/9(4)2025	MAHALAXMI CHEMICALS	Alphacypermethrin 5% WP	Satisfactory
39.	476167-F/9(4)2025	Advance Agrolife Limited	Alphacypermethrin 5% WP	Satisfactory
40.	476711-F/9(4)2025	REVA CHEM CORPORATION	Alphacypermethrin 6% EC	Satisfactory
41.	469679-F/9(4)2025	Nabadurga Pesticides Private Limited	Ametryn 80% WG	Satisfactory
42.	476232-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Ametryn 80% WG	Satisfactory
43.	477331-F/9(4)2025	RalphAgro Rasayan Private Limited	Ametryn 80% WG	Satisfactory
44.	477294-F/9(4)2025	Siddhant Agri Care.	Ametryn 80% WG	Satisfactory
45.	476412-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Ammonium Salt of Glyphosate 71% SG	Satisfactory
46.	474201-F/9(4)2025	MAHALAXMI CHEMICALS	Ammonium Salt of Glyphosate 71% SG	Satisfactory
47.	476357-F/9(4)2025	ZEAL CROP CARE PRIVATE LIMITED	Ammonium Salt of Glyphosate 71% SG	Satisfactory
48.	461571-F/9(4)2025	GREENWOOD AGRICHEM LLP	Ammonium Salt of Glyphosate 71% SG	Satisfactory
49.	476709-F/9(4)2025	Chemstack private Limired	Ammonium Salt of Glyphosate 71% SG	Satisfactory
50.	476233-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Ammonium Salt of Glyphosate 71% SG	Satisfactory
51.	476776-F/9(4)2025	UNITY CROP CARE	Ammonium Salt of Glyphosate 71% SG	Satisfactory
52.	477265-F/9(4)2025	INPEST INDIA PRIVATE LIMITED	Ammonium Salt of Glyphosate 71% SG	Satisfactory
53.	477327-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Ammonium Salt of Glyphosate 71% SG	Satisfactory
54.	477134-F/9(4)2025	Tasaki Agro India Private Limited	Ammonium Salt of Glyphosate 71% SG	Satisfactory
55.	475947-F/9(4)2025	Efficient Crop Control	Ammonium Salt of Glyphosate 71% SG	Satisfactory
56.	478125-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Ammonium Salt of Glyphosate 71% SG	Satisfactory

57.	477295-F/9(4)2025	Siddhant Agri Care.	Ammonium Salt of Glyphosate 71% SG	Satisfactory
58.	478252-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Ammonium Salt of Glyphosate 71% SG	Satisfactory
59.	478374-F/9(4)2025	DEXTON CROP GUARD	Ammonium Salt of Glyphosate 71% SG	Satisfactory
60.	474488-F/9(4)2025	NAMISIYA AGRITECH	Ammonium Salt of Glyphosate 71% SG	Satisfactory
61.	476468-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Atrazine 50% W.P.	Satisfactory
62.	476680-F/9(4)2025	SHRI KRISHNA BIOCHEM PVT LTD	Atrazine 50% W.P.	Satisfactory
63.	477135-F/9(4)2025	Tasaki Agro India Private Limited	Atrazine 50% W.P.	Satisfactory
64.	477782-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Atrazine 50% W.P.	Satisfactory
65.	476491-F/9(4)2025	M/s Techno Soilchem (I) Ltd.	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
66.	476489-F/9(4)2025	DCGL INDUSTRIES LIMITED	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
67.	476354-F/9(4)2025	ZEAL CROP CARE PRIVATE LIMITED	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
68.	476715-F/9(4)2025	Chemstack private Limired	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
69.	477466-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
70.	477368-F/9(4)2025	Greentex Agro Science	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
71.	477159-F/9(4)2025	Tasaki Agro India Private Limited	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
72.	477286-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
73.	477756-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC	Satisfactory
74.	477947-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	AZOXYSTROBIN 11.5% + MANCOZEB 30% w/w WP	Satisfactory
75.	477279-F/9(4)2025	Crop Rise Agrochem Limited	AZOXYSTROBIN 16.7 % + TRICYCLAZOLE 33.3% SC	Satisfactory
76.	476594-F/9(4)2025	PLANT BIOCHEM PVT LTD	AZOXYSTROBIN 16.7 % + TRICYCLAZOLE 33.3% SC	Satisfactory
77.	477003-F/9(4)2025	Devatha Agrofarms LLP	AZOXYSTROBIN 16.7 % + TRICYCLAZOLE 33.3% SC	Satisfactory
78.	477334-F/9(4)2025	RalphAgro Rasayan Private Limited	Azoxystrobin 18.2% + Cyproconazole 7.3% SC	Satisfactory
79.	476411-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
80.	476453-F/9(4)2025	Jefie Kisan Care	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
81.	476665-F/9(4)2025	BIOPEST CHEMICALS	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
82.	476716-F/9(4)2025	Chemstack private Limired	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
83.	477136-F/9(4)2025	VIZIEN ORGANICS	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
84.	477162-F/9(4)2025	Tasaki Agro India Private Limited	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory

85.	477371-F/9(4)2025	Greentex Agro Science	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
86.	477521-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
87.	477288-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
88.	477774-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
89.	477816-F/9(4)2025	Chemisumi Fertilizer & Chemical Private Limited	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
90.	478127-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
91.	477958-F/9(4)2025	RISEON CHEMICALS	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
92.	478233-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
93.	478375-F/9(4)2025	DEXTON CROP GUARD	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC for indigenous manufacture	Satisfactory
94.	477137-F/9(4)2025	Tasaki Agro India Private Limited	Azoxystrobin 2.5% + Thiophanate methyl 11.25% + Thiamethoxam 25% FS	Satisfactory
95.	476127-F/9(4)2025	CRIAG TECHNOLOGIES PRIVATE LIMITED	Azoxystrobin 2.5% + Thiophanate methyl 11.25% + Thiamethoxam 25% FS	Satisfactory
96.	477441-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Azoxystrobin 2.5% + Thiophanate methyl 11.25% + Thiamethoxam 25% FS	Satisfactory
97.	455624-F/9(4)2024	Sourabh Agro Industries	Azoxystrobin 20% + Thifluzamide 15% w/v SC	Satisfactory
98.	476744-F/9(4)2025	Leeds Life Sciences Private Limited	Azoxystrobin 20% + Thifluzamide 15% w/v SC	Satisfactory
99.	478306-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Azoxystrobin 20% + Thifluzamide 15% w/v SC	Satisfactory
100.	477374-F/9(4)2025	Greentex Agro Science	Azoxystrobin 23% SC for indigenous manufacture	Satisfactory
101.	476469-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	AZOXYSTROBIN 4.8% w/w + CHLOROTHALONIL 40.0% w/w SC	Satisfactory
102.	471285-F/9(4)2025	LINEMARK CROP CARE	AZOXYSTROBIN 4.8% w/w + CHLOROTHALONIL 40.0% w/w SC	Satisfactory
103.	477333-F/9(4)2025	RalphAgro Rasayan Private Limited	Azoxystrobin 5.1 % + Tebuconazole 9.1 % + Prochloraz 18.2% EC	Satisfactory
104.	478332-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Betacyfluthrin 8.49% w/w + Imidacloprid 19.81% w/w OD	Satisfactory
105.	477225-F/9(4)2025	RalphAgro Rasayan Private Limited	Bifenazate 22.6% w/w (240 g/l) SC	Satisfactory
106.	457281-F/9(4)2024	MEGHA AGRO INDUSTRIES	Bifenthrin 10% EC w/w	Satisfactory
107.	476446-F/9(4)2025	Graphene Crop Science	Bifenthrin 10% EC w/w	Satisfactory
108.	476449-F/9(4)2025	Jefie Kisan Care	Bifenthrin 10% EC w/w	Satisfactory
109.	476719-F/9(4)2025	Chemstack private Limired	Bifenthrin 10% EC w/w	Satisfactory
110.	477613-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Bifenthrin 10% EC w/w	Satisfactory

111.	474202-F/9(4)2025	MAHALAXMI CHEMICALS	Bifenthrin 2.5% EC	Satisfactory
112.	476348-F/9(4)2025	HemaniIndustries Ltd.,	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
113.	472836-F/9(4)2025	Gujarat Pesticides.	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
114.	475803-F/9(4)2025	Crop Care Pesticides (India) Pvt. Ltd.	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
115.	477614-F/9(4)2025	ASTHA CHEMICALS	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
116.	477016-F/9(4)2025	HCM Agro Products Private Limited	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
117.	475229-F/9(4)2025	Fieldlife Chemicals	Bifenthrin 8% + Clothianidin 10% SC	Satisfactory
118.	476470-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Bispyribac sodium 10% w/v SC	Satisfactory
119.	476492-F/9(4)2025	DCGL INDUSTRIES LIMITED	Bispyribac sodium 10% w/v SC	Satisfactory
120.	476742-F/9(4)2025	Chemstack private Limired	Bispyribac sodium 10% w/v SC	Satisfactory
121.	475653-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Bispyribac sodium 10% w/v SC	Satisfactory
122.	477336-F/9(4)2025	Kunzite Crop Science Private Limited	Bispyribac sodium 10% w/v SC	Satisfactory
123.	477316-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Bispyribac sodium 10% w/v SC	Satisfactory
124.	477164-F/9(4)2025	Tasaki Agro India Private Limited	Bispyribac sodium 10% w/v SC	Satisfactory
125.	477130-F/9(4)2025	Hanvika Organic Innovations Private Limited	Bispyribac sodium 10% w/v SC	Satisfactory
126.	478249-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Bispyribac sodium 10% w/v SC	Satisfactory
127.	477868-F/9(4)2025	AMPLE AGROCHEM INDUSTRIES	BISPYRIBAC SODIUM 20% + PYRAZOSULFURON ETHYL 15% WDG	Satisfactory
128.	477266-F/9(4)2025	ALSC PRIVATE LIMITED	Bispyribac sodium 38% + Chlorimuron Ethyl 2.5% + Metsulfuron Methyl 2.5% WG	Satisfactory
129.	477020-F/9(4)2025	HCM Agro Products Private Limited	Bispyribac Sodium 7.6% + Fenoxaprop-p-ethyl 11.4% w/w WG	Satisfactory
130.	472856-F/9(4)2025	Gujarat Pesticides.	Bispyribac Sodium 9.5% + Penoxsulam 7.8% w/v SC	Satisfactory
131.	477024-F/9(4)2025	HCM Agro Products Private Limited	Bispyribac Sodium 9.5% + Penoxsulam 7.8% w/v SC	Satisfactory
132.	476591-F/9(4)2025	Dharmaj Crop Guard Limited	Boscalid 25.2% + Pyraclostrobin 12.8% WG	Satisfactory
133.	477077-F/9(4)2025	KANEPHILL AGRITECH PRIVATE LIMITED	Boscalid 25.2% + Pyraclostrobin 12.8% WG	Satisfactory
134.	476512-F/9(4)2025	PEPTECH BIOSCIENCES LIMITED	Broflanilide 300g/l SC	Satisfactory
135.	476841-F/9(4)2025	SRG AGRO INDUSTRIES	Broflanilide 300g/l SC	Satisfactory
136.	477031-F/9(4)2025	HCM Agro Products Private Limited	Broflanilide 300g/l SC	Satisfactory
137.	478336-F/9(4)2025	Unikil Pesticides(P)Ltd	Bromadiolone 0.005% R.B.	Satisfactory
138.	476494-F/9(4)2025	DCGL INDUSTRIES LIMITED	Buprofenzin 15% + Acephate 35% WP for indigenous manufacture	Satisfactory
139.	477615-F/9(4)2025	ASTHA CHEMICALS	Buprofenzin 15% + Acephate 35% WP for indigenous manufacture	Satisfactory

140.	476471-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Buprofezin 20% + Acephate 50% (w/w) WP for indigenous manufacture	Satisfactory
141.	477085-F/9(4)2025	M/s Albaugh India Private Limited	Captan 50% W.P.	Satisfactory
142.	477497-F/9(4)2025	Godrej Agrovet Limited	Captan 50% W.P.	Satisfactory
143.	477785-F/9(4)2025	Goldripe International Pvt Ltd	Captan 50% W.P.	Satisfactory
144.	478242-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Captan 50% W.P.	Satisfactory
145.	477686-F/9(4)2025	CHEMROSH INDOVERSEAS	Captan 70%+ Hexaconazole 5% WP	Satisfactory
146.	477862-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Captan 70%+ Hexaconazole 5% WP	Satisfactory
147.	477950-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Captan 70%+ Hexaconazole 5% WP	Satisfactory
148.	476503-F/9(4)2025	DCGL INDUSTRIES LIMITED	CARBENDAZIM 12% + MANCOZEB 63% WS	Satisfactory
149.	476414-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
150.	476743-F/9(4)2025	Chemstack private Limired	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
151.	476949-F/9(4)2025	FARMERS AGRO SOLUTIONS	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
152.	477166-F/9(4)2025	Tasaki Agro India Private Limited	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
153.	477726-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
154.	477861-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
155.	478128-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
156.	478243-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
157.	478376-F/9(4)2025	DEXTON CROP GUARD	Carbendazim 12% + Mancozeb 63% WP	Satisfactory
158.	476514-F/9(4)2025	BHASKAR AGRO CHEMICALS LIMITED	Carbendazim 25 % + Flusilazole 12.5% SE	Satisfactory
159.	476134-F/9(4)2025	CRIAG TECHNOLOGIES PRIVATE LIMITED	Carbendazim 25 % + Flusilazole 12.5% SE	Satisfactory
160.	477169-F/9(4)2025	Tasaki Agro India Private Limited	Carbendazim 46.27 % SC	Satisfactory
161.	477616-F/9(4)2025	ASTHA CHEMICALS	Carbendazim 46.27 % SC	Satisfactory
162.	478356-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Carbendazim 46.27 % SC	Satisfactory
163.	477522-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Carbendazim 50% WP	Satisfactory
164.	478253-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Carbendazim 50% WP	Satisfactory
165.	476988-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Carbofuran 3% C.G.	Satisfactory
166.	477409-F/9(4)2025	Vista Molecules Private Limited	Carbofuran 3% C.G.	Satisfactory
167.	476758-F/9(4)2025	Noble Agri Science	Carboxin 37.5% + Thiram 37.5% WS	Satisfactory
168.	475228-F/9(4)2025	Fieldlife Chemicals	Carboxin 37.5% + Thiram 37.5% WS	Satisfactory
169.	476509-F/9(4)2025	Dharmaj Crop Guard Limited	Carfentrazone ethyl 40% DF	Satisfactory

170.	476655-F/9(4)2025	India Pesticides Limited	Carfentrazone ethyl 40% DF	Satisfactory
171.	476421-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Cartap Hydrochloride 4% GR	Satisfactory
172.	476632-F/9(4)2025	Kunzite Crop Science Private Limited	Cartap Hydrochloride 4% GR	Satisfactory
173.	476234-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Cartap Hydrochloride 4% GR	Satisfactory
174.	477309-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Cartap Hydrochloride 4% GR	Satisfactory
175.	477830-F/9(4)2025	PROXIMA BIOTECH PRIVATE LIMITED	Cartap Hydrochloride 4% GR	Satisfactory
176.	475948-F/9(4)2025	Efficient Crop Control	Cartap Hydrochloride 4% GR	Satisfactory
177.	478244-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Cartap Hydrochloride 4% GR	Satisfactory
178.	476235-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Cartap hydrochloride 50% + Buprofezin 10% WP	Satisfactory
179.	476428-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Cartap Hydrochloride 50% SP	Satisfactory
180.	476466-F/9(4)2025	Jefie Kisan Care	Cartap Hydrochloride 50% SP	Satisfactory
181.	476237-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Cartap Hydrochloride 50% SP	Satisfactory
182.	476602-F/9(4)2025	PLANT BIOCHEM PVT LTD	Cartap Hydrochloride 50% SP	Satisfactory
183.	477210-F/9(4)2025	Aventis Agro Chemical and Exports	Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% GR	Satisfactory
184.	478237-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% GR	Satisfactory
185.	477550-F/9(4)2025	Tasaki Agro India Private Limited	Cartap Hydrochloride 75% SG	Satisfactory
186.	476472-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
187.	476309-F/9(4)2025	Sudarshan Consolidated Limited	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
188.	477314-F/9(4)2025	Aagatti International Chemicals Private Limited	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
189.	477258-F/9(4)2025	INPEST INDIA PRIVATE LIMITED	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
190.	477826-F/9(4)2025	PROXIMA BIOTECH PRIVATE LIMITED	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
191.	477757-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
192.	477795-F/9(4)2025	Chemisumi Fertilizer & Chemical Private Limited	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
193.	477949-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
194.	477960-F/9(4)2025	RISEON CHEMICALS	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
195.	478235-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	CHLORANTRANILIPROLE 0.4% w/w GR	Satisfactory
196.	476510-F/9(4)2025	Dharmaj Crop Guard Limited	Chlorantraniliprole 0.53% + Fipronil 0.8% GR	Satisfactory
197.	476485-F/9(4)2025	Indochem Agri Science Pvt. Ltd.	Chlorantraniliprole 0.53% + Fipronil 0.8% GR	Satisfactory
198.	474236-F/9(4)2025	Global Agri Ventures	Chlorantraniliprole 0.53% + Fipronil 0.8% GR	Satisfactory
199.	477209-F/9(4)2025	Aventis Agro Chemical and Exports	Chlorantraniliprole 0.53% + Fipronil 0.8% GR	Satisfactory

200.	476626-F/9(4)2025	Crop Chemicals India Ltd	Chlorantraniliprole 0.53% + Fipronil 0.8% GR	Satisfactory
201.	477033-F/9(4)2025	HCM Agro Products Private Limited	Chlorantraniliprole 0.53% + Fipronil 0.8% GR	Satisfactory
202.	476368-F/9(4)2025	Agroy Science and Company	Chlorantraniliprole 18.5% w/w SC	Satisfactory
203.	476310-F/9(4)2025	Sudarshan Consolidated Limited	Chlorantraniliprole 18.5% w/w SC	Satisfactory
204.	476747-F/9(4)2025	Chemstack private Limired	Chlorantraniliprole 18.5% w/w SC	Satisfactory
205.	476954-F/9(4)2025	FARMERS AGRO SOLUTIONS	Chlorantraniliprole 18.5% w/w SC	Satisfactory
206.	477256-F/9(4)2025	INPEST INDIA PRIVATE LIMITED	Chlorantraniliprole 18.5% w/w SC	Satisfactory
207.	476239-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Chlorantraniliprole 18.5% w/w SC	Satisfactory
208.	476751-F/9(4)2025	Leeds Life Sciences Private Limited	Chlorantraniliprole 18.5% w/w SC	Satisfactory
209.	477176-F/9(4)2025	Tasaki Agro India Private Limited	Chlorantraniliprole 18.5% w/w SC	Satisfactory
210.	477754-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Chlorantraniliprole 18.5% w/w SC	Satisfactory
211.	475952-F/9(4)2025	Efficient Crop Control	Chlorantraniliprole 18.5% w/w SC	Satisfactory
212.	473961-F/9(4)2025	Aqarais Agri Care	Chlorantraniliprole 18.5% w/w SC	Satisfactory
213.	477948-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Chlorantraniliprole 18.5% w/w SC	Satisfactory
214.	478129-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Chlorantraniliprole 18.5% w/w SC	Satisfactory
215.	478232-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Chlorantraniliprole 18.5% w/w SC	Satisfactory
216.	478377-F/9(4)2025	DEXTON CROP GUARD	Chlorantraniliprole 18.5% w/w SC	Satisfactory
217.	476473-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Chlorantraniliprole 35% WG	Satisfactory
218.	477552-F/9(4)2025	Tasaki Agro India Private Limited	Chlorantraniliprole 35% WG	Satisfactory
219.	476474-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	CHLORANTRANILIPROLE 4.3% w/w + ABAMECTIN 1.7% w/w SC	Satisfactory
220.	476950-F/9(4)2025	FARMERS AGRO SOLUTIONS	CHLORANTRANILIPROLE 4.3% w/w + ABAMECTIN 1.7% w/w SC	Satisfactory
221.	478378-F/9(4)2025	DEXTON CROP GUARD	CHLORANTRANILIPROLE 4.3% w/w + ABAMECTIN 1.7% w/w SC	Satisfactory
222.	476475-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Chlorantraniliprole 47.85% SC	Satisfactory
223.	476349-F/9(4)2025	HemaniIndustries Ltd.,	Chlorantraniliprole 47.85% SC	Satisfactory
224.	476366-F/9(4)2025	BHASKAR AGRO CHEMICALS LIMITED	Chlorantraniliprole 47.85% SC	Satisfactory
225.	475804-F/9(4)2025	Crop Care Pesticides (India) Pvt. Ltd.	Chlorantraniliprole 47.85% SC	Satisfactory
226.	477617-F/9(4)2025	ASTHA CHEMICALS	Chlorantraniliprole 47.85% SC	Satisfactory
227.	477737-F/9(4)2025	Dudani Pesticides Private Limited	Chlorantraniliprole 47.85% SC	Satisfactory
228.	476547-F/9(4)2025	TROPICAL AGROSYSTEM (INDIA) PVT. LTD.	Chlorantraniliprole 47.85% SC	Satisfactory
229.	477827-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Chlorantraniliprole 47.85% SC	Satisfactory

230.	475227-F/9(4)2025	Fieldlife Chemicals	Chlorantraniliprole 47.85% SC	Satisfactory
231.	476369-F/9(4)2025	BHASKAR AGRO CHEMICALS LIMITED	Chlorantraniliprole 50% FS	Satisfactory
232.	475805-F/9(4)2025	Crop Care Pesticides (India) Pvt. Ltd.	Chlorantraniliprole 50% FS	Satisfactory
233.	478353-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Chlorantraniliprole 50% FS	Satisfactory
234.	476476-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	CHLORANTRANILIPROLE 8.8% + THIAMETHOXAM 17.5% SC	Satisfactory
235.	476953-F/9(4)2025	FARMERS AGRO SOLUTIONS	CHLORANTRANILIPROLE 8.8% + THIAMETHOXAM 17.5% SC	Satisfactory
236.	477060-F/9(4)2025	Agro Chem	CHLORANTRANILIPROLE 8.8% + THIAMETHOXAM 17.5% SC	Satisfactory
237.	478130-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	CHLORANTRANILIPROLE 8.8% + THIAMETHOXAM 17.5% SC	Satisfactory
238.	476477-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
239.	476652-F/9(4)2025	Sumoto Crop Science	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
240.	454802-F/9(4)2024	Advance Agrolife Limited	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
241.	476745-F/9(4)2025	Chemstack private Limired	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
242.	476951-F/9(4)2025	FARMERS AGRO SOLUTIONS	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
243.	477195-F/9(4)2025	Raj Pesticides Pvt. Ltd.	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
244.	477174-F/9(4)2025	Tasaki Agro India Private Limited	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
245.	477086-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
246.	477972-F/9(4)2025	RISEON CHEMICALS	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
247.	475951-F/9(4)2025	Efficient Crop Control	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
248.	478131-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Satisfactory
249.	476478-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Chlorfenapyr 10% SC	Satisfactory
250.	477021-F/9(4)2025	SKYN CROP CARE PRIVATE LIMITED	Chlorfenapyr 240 g/l SC	Satisfactory
251.	476373-F/9(4)2025	REVA CHEM CORPORATION	Chlorfluazuron 5.4% EC	Satisfactory
252.	476778-F/9(4)2025	UNITY CROP CARE	Chlorothalonil 40.0% + Difenoconazole 4.0% SC	Satisfactory
253.	477618-F/9(4)2025	ASTHA CHEMICALS	Chlorothalonil 40.0% + Difenoconazole 4.0% SC	Satisfactory
254.	477682-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Chlorothalonil 40.0% + Difenoconazole 4.0% SC	Satisfactory
255.	476464-F/9(4)2025	Sumitomo Chemical India Ltd	Chlorothalonil 75% WP	Satisfactory
256.	476714-F/9(4)2025	REVA CHEM CORPORATION	Chlorpyrifos 16% + Alphacypermethrin 1% E.C	Satisfactory
257.	474205-F/9(4)2025	MAHALAXMI CHEMICALS	Chlorpyrifos 50% E.C.	Satisfactory
258.	477346-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Chlorpyrifos 50% E.C.	Satisfactory

259.	478254-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Chlorpyrifos 50% E.C.	Satisfactory
260.	474207-F/9(4)2025	MAHALAXMI CHEMICALS	Chlorpyriphos 1.5% D.P	Satisfactory
261.	476429-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Chlorpyriphos 10% GR	Satisfactory
262.	474209-F/9(4)2025	MAHALAXMI CHEMICALS	Chlorpyriphos 10% GR	Satisfactory
263.	476241-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Chlorpyriphos 10% GR	Satisfactory
264.	477867-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Chlorpyriphos 10% GR	Satisfactory
265.	477313-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Chlorpyriphos 10% GR	Satisfactory
266.	474208-F/9(4)2025	MAHALAXMI CHEMICALS	Chlorpyriphos 2% RTU	Satisfactory
267.	476463-F/9(4)2025	Graphene Crop Science	Chlorpyriphos 20%E.C	Satisfactory
268.	474204-F/9(4)2025	MAHALAXMI CHEMICALS	Chlorpyriphos 20%E.C	Satisfactory
269.	473198-F/9(4)2025	Jaguar Agro Seeds Private Limited	Chlorpyriphos 20%E.C	Satisfactory
270.	477347-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Chlorpyriphos 20%E.C	Satisfactory
271.	473962-F/9(4)2025	Aqarais Agri Care	Chlorpyriphos 20%E.C	Satisfactory
272.	476450-F/9(4)2025	Graphene Crop Science	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
273.	476243-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
274.	477179-F/9(4)2025	Tasaki Agro India Private Limited	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
275.	477727-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
276.	473963-F/9(4)2025	Aqarais Agri Care	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
277.	478132-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
278.	478251-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
279.	466603-F/9(4)2025	NEOSAFE BIOSCIENCE PRIVATE LIMITED	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
280.	477489-F/9(4)2025	Vista Molecules Private Limited	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
281.	478379-F/9(4)2025	DEXTON CROP GUARD	Chlorpyriphos 50% + Cypermethrin 5% EC	Satisfactory
282.	454801-F/9(4)2024	Advance Agrolife Limited	Clethodim 25 % w/w (240 g/l) EC	Satisfactory
283.	475806-F/9(4)2025	Crop Care Pesticides (India) Pvt. Ltd.	Clethodim 25 % w/w (240 g/l) EC	Satisfactory
284.	477098-F/9(4)2025	Crystal Crop Protection Ltd	Clethodim 25 % w/w (240 g/l) EC	Satisfactory
285.	477189-F/9(4)2025	Raj Pesticides Pvt. Ltd.	Clethodim 25 % w/w (240 g/l) EC	Satisfactory
286.	476245-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Clethodim 25 % w/w (240 g/l) EC	Satisfactory
287.	477285-F/9(4)2025	HemaniIndustries Ltd.,	Clethodim 25 % w/w (240 g/l) EC	Satisfactory
288.	477988-F/9(4)2025	Saraswati Agro Chemicals (India) Private Limited	Clethodim 25 % w/w (240 g/l) EC	Satisfactory

289.	478178-F/9(4)2025	ADAMA India Pvt. Ltd.	Clethodim 25 % w/w (240 g/l) EC	Satisfactory
290.	477181-F/9(4)2025	Tasaki Agro India Private Limited	Clodinafop - Propargyl 15% WP	Satisfactory
291.	477296-F/9(4)2025	Siddhant Agri Care.	Clodinafop - Propargyl 15% WP	Satisfactory
292.	478345-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Clodinafop - Propargyl 15% WP	Satisfactory
293.	477087-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	CLODINAFOP PROPARGYL 15% DF	Satisfactory
294.	476919-F/9(4)2025	Nabadurga Pesticides Private Limited	Clothianidin 50 % WG	Satisfactory
295.	476142-F/9(4)2025	Aryadev Chemicals	Clothianidin 50 % WG	Satisfactory
296.	477349-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Clothianidin 50 % WG	Satisfactory
297.	477619-F/9(4)2025	ASTHA CHEMICALS	Clothianidin 50 % WG	Satisfactory
298.	475226-F/9(4)2025	Fieldlife Chemicals	Clothianidin 50 % WG	Satisfactory
299.	477198-F/9(4)2025	M/s Parijat Industries (India) Ltd	Clothianidin 50 % WG	Satisfactory
300.	476479-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Copper Oxychloride containing copper contents 50.00% w/w WP	Satisfactory
301.	476857-F/9(4)2025	YASHNEE AGROCHEMICALS INDIA PRIVATE LIMITED	Copper Oxychloride containing copper contents 50.00% w/w WP	Satisfactory
302.	476748-F/9(4)2025	Chemstack private Limired	Copper Oxychloride containing copper contents 50.00% w/w WP	Satisfactory
303.	477764-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Copper Oxychloride containing copper contents 50.00% w/w WP	Satisfactory
304.	476836-F/9(4)2025	SRG AGRO INDUSTRIES	Copper Sulphate 47.15% + Mancozeb 30% WDG for indigenous manufacture	Satisfactory
305.	477683-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Copper Sulphate 47.15% + Mancozeb 30% WDG for indigenous manufacture	Satisfactory
306.	478343-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Copper Sulphate 47.15% + Mancozeb 30% WDG for indigenous manufacture	Satisfactory
307.	476966-F/9(4)2025	REVA CHEM CORPORATION	Copper Sulphate Pentahydrate 23.99% w/v SC (containing copper content 6% w/v)	Satisfactory
308.	477120-F/9(4)2025	Special Biochem Pvt. Ltd	Copper Sulphate Pentahydrate 23.99% w/v SC (containing copper content 6% w/v)	Satisfactory
309.	475818-F/9(4)2025	Insecticides India Limited	Copper Sulphate Pentahydrate 23.99% w/v SC (containing copper content 6% w/v)	Satisfactory
310.	477037-F/9(4)2025	HCM Agro Products Private Limited	Copper Sulphate Pentahydrate 23.99% w/v SC (containing copper content 6% w/v)	Satisfactory
311.	476379-F/9(4)2025	BHASKAR AGRO CHEMICALS LIMITED	Cyantraniliprole 10% + Pymetrozine 50% WG	Satisfactory
312.	476775-F/9(4)2025	Willowood Chemicals Ltd.	Cyantraniliprole 10% + Pymetrozine 50% WG	Satisfactory
313.	477038-F/9(4)2025	HCM Agro Products Private Limited	Cyantraniliprole 10% + Pymetrozine 50% WG	Satisfactory
314.	475978-F/9(4)2025	Heranba Industries Limited	Cyantraniliprole 10.26% w/w OD	Satisfactory
315.	477924-F/9(4)2025	Darrick Insecticides Ltd.	Cyantraniliprole 10.26% w/w OD	Satisfactory

316.	476382-F/9(4)2025	BHASKAR AGRO CHEMICALS LIMITED	Cyantraniliprole 16.9% + Lufenuron 16.9% SC	Satisfactory
317.	476787-F/9(4)2025	Willowood Chemicals Ltd.	Cyantraniliprole 16.9% + Lufenuron 16.9% SC	Satisfactory
318.	476246-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Cyantraniliprole 16.9% + Lufenuron 16.9% SC	Satisfactory
319.	477039-F/9(4)2025	HCM Agro Products Private Limited	Cyantraniliprole 16.9% + Lufenuron 16.9% SC	Satisfactory
320.	477131-F/9(4)2025	Hanvika Organic Innovations Private Limited	Cyantraniliprole 16.9% + Lufenuron 16.9% SC	Satisfactory
321.	477061-F/9(4)2025	HCM Agro Products Private Limited	CYANTRANILIPROLE 19.8% + THIAMETHOXAM 19.8% FS	Satisfactory
322.	476371-F/9(4)2025	BHASKAR AGRO CHEMICALS LIMITED	Cyantraniliprole 48% w/w (Cyantraniliprole 60% w/v) (Cyantraniliprole 600 g/l FS)	Satisfactory
323.	477684-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Cyantraniliprole 48% w/w (Cyantraniliprole 60% w/v) (Cyantraniliprole 600 g/l FS)	Satisfactory
324.	476375-F/9(4)2025	BHASKAR AGRO CHEMICALS LIMITED	Cyantraniliprole 7.3%w/w + Diafenthiuron 36.4%w/w SC (Cyantraniliprole 8% w/v + Diafenthiuron 40%w/v SC) (Cyantraniliprole 80 g/L + Diafenthiuron 400 g/L-480 SC)	Satisfactory
325.	476341-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Cyantraniliprole 7.3%w/w + Diafenthiuron 36.4%w/w SC (Cyantraniliprole 8% w/v + Diafenthiuron 40%w/v SC) (Cyantraniliprole 80 g/L + Diafenthiuron 400 g/L-480 SC)	Satisfactory
326.	472862-F/9(4)2025	Gujarat Pesticides.	Cyazofamid 34.5% SC	Satisfactory
327.	476164-F/9(4)2025	Advance Agrolife Limited	Cyfluthrin 10% WP	Satisfactory
328.	476976-F/9(4)2025	Dharmaj Crop Guard Limited	Cyfluthrin 5% EW	Satisfactory
329.	476480-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Cymoxanil 50% WP for indigenous manufacture	Satisfactory
330.	476481-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Cymoxanil 8% + Mancozeb 64% WP	Satisfactory
331.	476759-F/9(4)2025	Noble Agri Science	Cymoxanil 8% + Mancozeb 64% WP	Satisfactory
332.	477078-F/9(4)2025	KANEPHILL AGRITECH PRIVATE LIMITED	Cymoxanil 8% + Mancozeb 64% WP	Satisfactory
333.	476249-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Cymoxanil 8% + Mancozeb 64% WP	Satisfactory
334.	474211-F/9(4)2025	MAHALAXMI CHEMICALS	Cypermethrin 0.25% DP	Satisfactory
335.	477842-F/9(4)2025	MAKEMAN INDUSTRIES	Cypermethrin 0.25% DP	Satisfactory
336.	476808-F/9(4)2025	A M Home Care Products	Cypermethrin 1.0% chalk	Satisfactory
337.	474212-F/9(4)2025	MAHALAXMI CHEMICALS	Cypermethrin 10% E.C.	Satisfactory
338.	477669-F/9(4)2025	Osha Crop Protection Pvt Ltd	Cypermethrin 10% E.C.	Satisfactory
339.	477443-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Cypermethrin 25% E.C.	Satisfactory
340.	476092-F/9(4)2025	Unikil Pesticides(P)Ltd	Cypermethrin 25% E.C.	Satisfactory
341.	478133-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Cypermethrin 25% E.C.	Satisfactory
342.	477280-F/9(4)2025	HemaniIndustries Ltd.,	Cypermethrin 3% + Quinalphos 20% EC	Satisfactory

343.	474213-F/9(4)2025	MAHALAXMI CHEMICALS	Deltamethrin 0.02% + Allethrin 0.13% w/w	Satisfactory
344.	474214-F/9(4)2025	MAHALAXMI CHEMICALS	Deltamethrin 1.25 % ULV	Satisfactory
345.	475808-F/9(4)2025	Crop Care Pesticides (India) Pvt. Ltd.	Deltamethrin 11% w/w EC	Satisfactory
346.	477182-F/9(4)2025	Tasaki Agro India Private Limited	Deltamethrin 11% w/w EC	Satisfactory
347.	477871-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Deltamethrin 11% w/w EC	Satisfactory
348.	471772-F/9(4)2025	KILPLAY PESTICIDES	Deltamethrin 11% w/w EC	Satisfactory
349.	478355-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Deltamethrin 11% w/w EC	Satisfactory
350.	478346-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Deltamethrin 11% w/w EC	Satisfactory
351.	477073-F/9(4)2025	UPL Limited	DELTAMETHRIN 2% w/w EW	Satisfactory
352.	474215-F/9(4)2025	MAHALAXMI CHEMICALS	Deltamethrin 2.5% W.P	Satisfactory
353.	476913-F/9(4)2025	Unikil Pesticides(P)Ltd	Deltamethrin 2.8% EC	Satisfactory
354.	476353-F/9(4)2025	HemaniIndustries Ltd.,	Diafenthiuron 30% + Pyriproxyfen 8% SE	Satisfactory
355.	477620-F/9(4)2025	ASTHA CHEMICALS	Diafenthiuron 30% + Pyriproxyfen 8% SE	Satisfactory
356.	478308-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Diafenthiuron 30% + Pyriproxyfen 8% SE	Satisfactory
357.	478307-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	DIAFENTHIURON 40.1% + ACETAMIPRID 3.9% WP	Satisfactory
358.	476252-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	DIAFENTHIURON 47% + BIFENTHRIN 9.4% SC	Satisfactory
359.	476589-F/9(4)2025	PLANT BIOCHEM PVT LTD	DIAFENTHIURON 47% + BIFENTHRIN 9.4% SC	Satisfactory
360.	478380-F/9(4)2025	DEXTON CROP GUARD	DIAFENTHIURON 47% + BIFENTHRIN 9.4% SC	Satisfactory
361.	476255-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	DIAFENTHIURON 47.8% w/w SC	Satisfactory
362.	477184-F/9(4)2025	Tasaki Agro India Private Limited	DIAFENTHIURON 47.8% w/w SC	Satisfactory
363.	477745-F/9(4)2025	GNP AGROSCIENCES PVT.LTD.	DIAFENTHIURON 47.8% w/w SC	Satisfactory
364.	477749-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	DIAFENTHIURON 47.8% w/w SC	Satisfactory
365.	455468-F/9(4)2024	Advance Agrolife Limited	Diafenthiuron 48.0% + Dinotefuran 8.0% WG	Satisfactory
366.	477066-F/9(4)2025	HCM Agro Products Private Limited	Diafenthiuron 48.0% + Dinotefuran 8.0% WG	Satisfactory
367.	477750-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Diafenthiuron 50% WP	Satisfactory
368.	477100-F/9(4)2025	Crystal Crop Protection Ltd	Diclosulam 0.9% + Pendimethalin 35% SE	Satisfactory
369.	477069-F/9(4)2025	HCM Agro Products Private Limited	Diclosulam 0.9% + Pendimethalin 35% SE	Satisfactory
370.	476667-F/9(4)2025	Crystal Crop Protection Ltd	Diclosulam 84% WG	Satisfactory
371.	476856-F/9(4)2025	YASHNEE AGROCHEMICALS INDIA PRIVATE LIMITED	Difenoconazole 25% EC	Satisfactory
372.	476765-F/9(4)2025	Chemstack private Limired	Difenoconazole 25% EC	Satisfactory
373.	477794-F/9(4)2025	Goldripe International Pvt Ltd	Difenoconazole 25% EC	Satisfactory

374.	474218-F/9(4)2025	MAHALAXMI CHEMICALS	Diflubenzuron 20% + Deltamethrin 2% SC for indigenous manufacture	Satisfactory
375.	474216-F/9(4)2025	MAHALAXMI CHEMICALS	Diflubenzuron 25 % W.P	Satisfactory
376.	476163-F/9(4)2025	Advance Agrolife Limited	Diflubenzuron 25 % W.P	Satisfactory
377.	476504-F/9(4)2025	DCGL INDUSTRIES LIMITED	Dimethoate 30% E.C	Satisfactory
378.	477663-F/9(4)2025	Indian Agri Science Pvt. Ltd.	Dimethoate 30% E.C	Satisfactory
379.	476597-F/9(4)2025	PLANT BIOCHEM PVT LTD	Dimethoate 30% E.C	Satisfactory
380.	476593-F/9(4)2025	Dharmaj Crop Guard Limited	Dimethomorph 12% + Pyraclostrobin 6.7% WG	Satisfactory
381.	476699-F/9(4)2025	BHASKAR AGRO CHEMICALS LIMITED	Dimethomorph 12% + Pyraclostrobin 6.7% WG	Satisfactory
382.	477099-F/9(4)2025	BR Agrotech ltd	Dimethomorph 12% + Pyraclostrobin 6.7% WG	Satisfactory
383.	477071-F/9(4)2025	HCM Agro Products Private Limited	Dimethomorph 12% + Pyraclostrobin 6.7% WG	Satisfactory
384.	476124-F/9(4)2025	CRIAG TECHNOLOGIES PRIVATE LIMITED	Dimethomorph 12% + Pyraclostrobin 6.7% WG	Satisfactory
385.	478009-F/9(4)2025	Darrick Insecticides Ltd.	Dimethomorph 12% + Pyraclostrobin 6.7% WG	Satisfactory
386.	476482-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
387.	476159-F/9(4)2025	Sumoto Crop Science	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
388.	476666-F/9(4)2025	BIOPEST CHEMICALS	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
389.	476452-F/9(4)2025	Jefie Kisan Care	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
390.	475919-F/9(4)2025	Sumitomo Chemical India Ltd	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
391.	476767-F/9(4)2025	Chemstack private Limired	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
392.	477185-F/9(4)2025	Tasaki Agro India Private Limited	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
393.	477289-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
394.	477931-F/9(4)2025	Saraswati Agro Chemicals (India) Private Limited	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
395.	477941-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
396.	478255-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
397.	477751-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
398.	475052-F/9(4)2025	GCS AGRO ENTERPRISES	Dinotefuran 15% + Pymetrozine 45% WG	Satisfactory
399.	476483-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	DINOTEFURAN 20% W/W SG	Satisfactory
400.	476355-F/9(4)2025	ZEAL CROP CARE PRIVATE LIMITED	DINOTEFURAN 20% W/W SG	Satisfactory
401.	476769-F/9(4)2025	Chemstack private Limired	DINOTEFURAN 20% W/W SG	Satisfactory
402.	477877-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	DINOTEFURAN 20% W/W SG	Satisfactory
403.	477895-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	DINOTEFURAN 20% W/W SG	Satisfactory

404.	478134-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	DINOTEFURAN 20% W/W SG	Satisfactory
405.	476320-F/9(4)2025	ADAMA India Pvt. Ltd.	DINOTEFURAN 4% + ACEPHATE 50% SG	Satisfactory
406.	476712-F/9(4)2025	REVA CHEM CORPORATION	Dinotefuran 5% + Ethion 50% EC	Satisfactory
407.	477072-F/9(4)2025	HCM Agro Products Private Limited	Dinotefuran 5% + Ethion 50% EC	Satisfactory
408.	476350-F/9(4)2025	HemaniIndustries Ltd.,	Dinotefuran 70% WG	Satisfactory
409.	475696-F/9(4)2025	R D Agro Chemicals (India)	Dinotefuran 70% WG	Satisfactory
410.	476750-F/9(4)2025	Leeds Life Sciences Private Limited	Dinotefuran 70% WG	Satisfactory
411.	476978-F/9(4)2025	Siddhant Agri Care.	Diuron 80 % W.P	Satisfactory
412.	476588-F/9(4)2025	Agrow Allied Ventures Private Limited	Diuron 80 % W.P	Satisfactory
413.	477804-F/9(4)2025	Goldripe International Pvt Ltd	DODINE 40% SC	Satisfactory
414.	472682-F/9(4)2025	CHEMROSH INDOVERSEAS	Dodine 65% WP	Satisfactory
415.	475481-F/9(4)2025	Sumoto Crop Science	Emamectin Benzoate 1.5% + Fipronil 3.5% SC for indigenous manufacture	Satisfactory
416.	476801-F/9(4)2025	Baroda Agro Chemicals Limited	Emamectin Benzoate 1.5% + Fipronil 3.5% SC for indigenous manufacture	Satisfactory
417.	476774-F/9(4)2025	Chemstack private Limired	Emamectin Benzoate 1.5% + Fipronil 3.5% SC for indigenous manufacture	Satisfactory
418.	476771-F/9(4)2025	Chemstack private Limired	Emamectin Benzoate 1.9% EC	Satisfactory
419.	476752-F/9(4)2025	Leeds Life Sciences Private Limited	Emamectin Benzoate 1.9% EC	Satisfactory
420.	477186-F/9(4)2025	Tasaki Agro India Private Limited	Emamectin Benzoate 1.9% EC	Satisfactory
421.	477739-F/9(4)2025	Dudani Pesticides Private Limited	Emamectin Benzoate 1.9% EC	Satisfactory
422.	477729-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Emamectin Benzoate 1.9% EC	Satisfactory
423.	475953-F/9(4)2025	Efficient Crop Control	Emamectin Benzoate 1.9% EC	Satisfactory
424.	478135-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Emamectin Benzoate 1.9% EC	Satisfactory
425.	478381-F/9(4)2025	DEXTON CROP GUARD	Emamectin Benzoate 1.9% EC	Satisfactory
426.	476499-F/9(4)2025	M/s Techno Soilchem (I) Ltd.	Emamectin Benzoate 5% SG	Satisfactory
427.	476770-F/9(4)2025	Chemstack private Limired	Emamectin Benzoate 5% SG	Satisfactory
428.	476970-F/9(4)2025	FARMERS AGRO SOLUTIONS	Emamectin Benzoate 5% SG	Satisfactory
429.	473317-F/9(4)2025	Siddhant Agri Care.	Emamectin Benzoate 5% SG	Satisfactory
430.	476260-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Emamectin Benzoate 5% SG	Satisfactory
431.	477187-F/9(4)2025	Tasaki Agro India Private Limited	Emamectin Benzoate 5% SG	Satisfactory
432.	478136-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Emamectin Benzoate 5% SG	Satisfactory
433.	477753-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Emamectin Benzoate 5% SG	Satisfactory

434.	478250-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Emamectin Benzoate 5% SG	Satisfactory
435.	477752-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Ethion 40% + Cypermethrin 5% EC	Satisfactory
436.	478382-F/9(4)2025	DEXTON CROP GUARD	Ethion 40% + Cypermethrin 5% EC	Satisfactory
437.	477664-F/9(4)2025	Indian Agri Science Pvt. Ltd.	Ethion 50% EC	Satisfactory
438.	476706-F/9(4)2025	Indochem Agri Science Pvt. Ltd.	Ethiprole 10.7% + Pymetrozine 40% WG	Satisfactory
439.	477070-F/9(4)2025	HCM Agro Products Private Limited	Ethiprole 10.7% + Pymetrozine 40% WG	Satisfactory
440.	477685-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Ethiprole 10.7% + Pymetrozine 40% WG	Satisfactory
441.	477068-F/9(4)2025	HCM Agro Products Private Limited	Ethiprole 40% + Imidacloprid 40% WG	Satisfactory
442.	476713-F/9(4)2025	REVA CHEM CORPORATION	Etofenprox 10% EC	Satisfactory
443.	477067-F/9(4)2025	HCM Agro Products Private Limited	Etoxazole 6% + Abamectin 1.5% SC	Satisfactory
444.	478333-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Etoxazole 6% + Abamectin 1.5% SC	Satisfactory
445.	477062-F/9(4)2025	HCM Agro Products Private Limited	Famoxadone 16.6%+ Cymoxanil 22.1% SC	Satisfactory
446.	477059-F/9(4)2025	HCM Agro Products Private Limited	Fenazaquin 10% + Bifenthrin 4% EC	Satisfactory
447.	476148-F/9(4)2025	Aryadev Chemicals	FENAZAQUIN 18.3% SC	Satisfactory
448.	476162-F/9(4)2025	Advance Agrolife Limited	Fenitrothion 40% WDP	Satisfactory
449.	476760-F/9(4)2025	Noble Agri Science	Fenobucarb (B.P.M.C) 50% EC	Satisfactory
450.	472083-F/9(4)2025	FAIRO CORPORATION	Fenobucarb (B.P.M.C) 50% EC	Satisfactory
451.	477373-F/9(4)2025	Angel Crop Science	Fenobucarb (B.P.M.C) 50% EC	Satisfactory
452.	475225-F/9(4)2025	Fieldlife Chemicals	Fenobucarb (B.P.M.C) 50% EC	Satisfactory
453.	476484-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Fenoxaprop-p-ethyl 10% E.C.	Satisfactory
454.	476264-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Fenoxaprop-p-ethyl 6.7% w/w EC for indigenous manufacture	Satisfactory
455.	476266-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Fenpyroximate 5% EC	Satisfactory
456.	454799-F/9(4)2024	Advance Agrolife Limited	Fenpyroximate 5% SC	Satisfactory
457.	476843-F/9(4)2025	MAHALAXMI CHEMICALS	Fenthion 82.5% EC	Satisfactory
458.	478137-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Fenvalerate 20% E.C.	Satisfactory
459.	477268-F/9(4)2025	INPEST INDIA PRIVATE LIMITED	Fipronil 0.3% G.R.	Satisfactory
460.	477632-F/9(4)2025	Aagatti International Chemicals Private Limited	Fipronil 0.3% G.R.	Satisfactory
461.	477889-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Fipronil 0.3% G.R.	Satisfactory
462.	478084-F/9(4)2025	Omkar Chemical Industries	Fipronil 0.3% G.R.	Satisfactory
463.	476496-F/9(4)2025	M/s Techno Soilchem (I) Ltd.	Fipronil 0.6% w/w GR	Satisfactory

464.	476601-F/9(4)2025	Agrow Allied Ventures Private Limited	Fipronil 0.6% w/w GR	Satisfactory
465.	478262-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Fipronil 0.6% w/w GR	Satisfactory
466.	478230-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Fipronil 0.6% w/w GR	Satisfactory
467.	477548-F/9(4)2025	Vista Molecules Private Limited	Fipronil 0.6% w/w GR	Satisfactory
468.	478090-F/9(4)2025	Omkar Chemical Industries	FIPRONIL 0.6% WG	Satisfactory
469.	475911-F/9(4)2025	MERCBEX CHEMICAL SCIENCE LLP	Fipronil 10% + Diafenthiuron 30% WG	Satisfactory
470.	475809-F/9(4)2025	Crop Care Pesticides (India) Pvt. Ltd.	Fipronil 10% + Diafenthiuron 30% WG	Satisfactory
471.	477271-F/9(4)2025	ALSC PRIVATE LIMITED	Fipronil 10% + Diafenthiuron 30% WG	Satisfactory
472.	476269-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Fipronil 10% + Diafenthiuron 30% WG	Satisfactory
473.	476517-F/9(4)2025	BHASKAR AGRO CHEMICALS LIMITED	Fipronil 15% + Chlorantraniliprole 5% SC	Satisfactory
474.	475913-F/9(4)2025	MERCBEX CHEMICAL SCIENCE LLP	Fipronil 15% + Chlorantraniliprole 5% SC	Satisfactory
475.	476126-F/9(4)2025	CRIAG TECHNOLOGIES PRIVATE LIMITED	Fipronil 15% + Chlorantraniliprole 5% SC	Satisfactory
476.	477283-F/9(4)2025	HemaniIndustries Ltd.,	Fipronil 15% + Chlorantraniliprole 5% SC	Satisfactory
477.	477022-F/9(4)2025	SKYN CROP CARE PRIVATE LIMITED	Fipronil 15% + Chlorantraniliprole 5% SC	Satisfactory
478.	477315-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Fipronil 15% + Chlorantraniliprole 5% SC	Satisfactory
479.	474282-F/9(4)2025	Indogulf Cropsciences Limited	Fipronil 15% + Chlorantraniliprole 5% SC	Satisfactory
480.	475912-F/9(4)2025	MERCBEX CHEMICAL SCIENCE LLP	Fipronil 15% + Deltamethrin 2.5% SC	Satisfactory
481.	475810-F/9(4)2025	Crop Care Pesticides (India) Pvt. Ltd.	Fipronil 15% + Deltamethrin 2.5% SC	Satisfactory
482.	477621-F/9(4)2025	ASTHA CHEMICALS	Fipronil 15% + Deltamethrin 2.5% SC	Satisfactory
483.	478311-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Fipronil 15% + Deltamethrin 2.5% SC	Satisfactory
484.	476270-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	FIPRONIL 18.87% W/W SC	Satisfactory
485.	478261-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	FIPRONIL 18.87% W/W SC	Satisfactory
486.	477687-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Fipronil 4% + Acetamiprid 4% SC for indigenous manufacture	Satisfactory
487.	478138-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Fipronil 4% + Acetamiprid 4% SC for indigenous manufacture	Satisfactory
488.	478139-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Fipronil 4% w/w + Thiamethoxam 4% w/w SC for indigenous manufacture	Satisfactory
489.	478238-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Fipronil 4% w/w + Thiamethoxam 4% w/w SC for indigenous manufacture	Satisfactory
490.	476871-F/9(4)2025	Chemstack private Limired	Fipronil 40% + Imidacloprid 40% WG	Satisfactory
491.	477188-F/9(4)2025	Tasaki Agro India Private Limited	Fipronil 40% + Imidacloprid 40% WG	Satisfactory
492.	477865-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Fipronil 40% + Imidacloprid 40% WG	Satisfactory
493.	478140-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Fipronil 40% + Imidacloprid 40% WG	Satisfactory

494.	477956-F/9(4)2025	RISEON CHEMICALS	Fipronil 40% + Imidacloprid 40% WG	Satisfactory
495.	478383-F/9(4)2025	DEXTON CROP GUARD	Fipronil 40% + Imidacloprid 40% WG	Satisfactory
496.	477622-F/9(4)2025	ASTHA CHEMICALS	Fipronil 5% + Buprofezin 20% SC	Satisfactory
497.	474220-F/9(4)2025	MAHALAXMI CHEMICALS	Fipronil 5% SC	Satisfactory
498.	476872-F/9(4)2025	Chemstack private Limired	Fipronil 5% SC	Satisfactory
499.	476129-F/9(4)2025	CRIAG TECHNOLOGIES PRIVATE LIMITED	Fipronil 5% SC	Satisfactory
500.	478239-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Fipronil 5% SC	Satisfactory
501.	477141-F/9(4)2025	Hanvika Organic Innovations Private Limited	Fipronil 80% WG	Satisfactory
502.	477058-F/9(4)2025	HCM Agro Products Private Limited	Flonicamid 20% + Fipronil 8% SC	Satisfactory
503.	477197-F/9(4)2025	Leeds Life Sciences Private Limited	Flonicamid 50% WG	Satisfactory
504.	472074-F/9(4)2025	FAIRO CORPORATION	Flonicamid 50% WG	Satisfactory
505.	477142-F/9(4)2025	Hanvika Organic Innovations Private Limited	Flonicamid 50% WG	Satisfactory
506.	477161-F/9(4)2025	Raj Pesticides Pvt. Ltd.	Fluazifop-p-butyl 13.4% EC	Satisfactory
507.	476271-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Fluazifop-p-butyl 13.4% EC	Satisfactory
508.	471773-F/9(4)2025	KILPLAY PESTICIDES	Flubendiamide 39.35 % m/m SC	Satisfactory
509.	476815-F/9(4)2025	Baroda Agro Chemicals Limited	FLUBENDIAMIDE 8.33% + DELTAMETHRIN 5.56% SC	Satisfactory
510.	476873-F/9(4)2025	Chemstack private Limired	FLUBENDIAMIDE 8.33% + DELTAMETHRIN 5.56% SC	Satisfactory
511.	476689-F/9(4)2025	Agrow Allied Ventures Private Limited	FLUOPYRAM 17.7 % + TEBUCONAZOLE 17.7 % SC	Satisfactory
512.	474626-F/9(4)2025	Cocreate Global technologies private limited	FLUOPYRAM 17.7 % + TEBUCONAZOLE 17.7 % SC	Satisfactory
513.	476515-F/9(4)2025	BHASKAR AGRO CHEMICALS LIMITED	Flusilazole 40% EC	Satisfactory
514.	476128-F/9(4)2025	CRIAG TECHNOLOGIES PRIVATE LIMITED	Flusilazole 40% EC	Satisfactory
515.	476718-F/9(4)2025	REVA CHEM CORPORATION	Fluxametamide 5.81% + Bifenthrin 5.81 % EC	Satisfactory
516.	476150-F/9(4)2025	Aryadev Chemicals	Fluxametamide 5.81% + Bifenthrin 5.81 % EC	Satisfactory
517.	477340-F/9(4)2025	Thakar Chemicals Ltd.	Fluxametamide 5.81% + Bifenthrin 5.81 % EC	Satisfactory
518.	476886-F/9(4)2025	Ichiban Crop Science Limited	Fluxapyroxad 167 g/l + pyraclostrobin 333 g/l SC	Satisfactory
519.	477238-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Fluxapyroxad 167 g/l + pyraclostrobin 333 g/l SC	Satisfactory
520.	477723-F/9(4)2025	CHEMROSH INDOVERSEAS	Fluxapyroxad 167 g/l + pyraclostrobin 333 g/l SC	Satisfactory
521.	477736-F/9(4)2025	Seedlings India Private Limited	Fluxapyroxad 167 g/l + pyraclostrobin 333 g/l SC	Satisfactory
522.	476878-F/9(4)2025	Ichiban Crop Science Limited	Fluxapyroxad 250 g/l + pyraclostrobin 250 g/l SC	Satisfactory
523.	477242-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Fluxapyroxad 250 g/l + pyraclostrobin 250 g/l SC	Satisfactory
524.	477738-F/9(4)2025	Seedlings India Private Limited	Fluxapyroxad 250 g/l + pyraclostrobin 250 g/l SC	Satisfactory

525.	476874-F/9(4)2025	Ichiban Crop Science Limited	Fluxapyroxad 62.5 g/l + Epoxiconazole 62.5 g/l EC	Satisfactory
526.	477248-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Fluxapyroxad 62.5 g/l + Epoxiconazole 62.5 g/l EC	Satisfactory
527.	472832-F/9(4)2025	Gujarat Pesticides.	Fomesafen 11.1% + Fluazifop-p-butyl 11.1% SL	Satisfactory
528.	477056-F/9(4)2025	HCM Agro Products Private Limited	Fomesafen 11.1% + Fluazifop-p-butyl 11.1% SL	Satisfactory
529.	477293-F/9(4)2025	HemaniIndustries Ltd.,	Fomesafen 11.1% + Fluazifop-p-butyl 11.1% SL	Satisfactory
530.	478319-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Fomesafen 11.1% + Fluazifop-p-butyl 11.1% SL	Satisfactory
531.	477221-F/9(4)2025	Raj Pesticides Pvt. Ltd.	FOMESAFEN 12% + QUIZALOFOP ETHYL 3% SC	Satisfactory
532.	477659-F/9(4)2025	CHEMLEY AGRITECH PRIVATE LIMITED	FOMESAFEN 12% + QUIZALOFOP ETHYL 3% SC	Satisfactory
533.	477870-F/9(4)2025	AMPLE AGROCHEM INDUSTRIES	FOMESAFEN 12% + QUIZALOFOP ETHYL 3% SC	Satisfactory
534.	478214-F/9(4)2025	Orchid Agro Systems	FOMESAFEN 12% + QUIZALOFOP ETHYL 3% SC	Satisfactory
535.	478264-F/9(4)2025	Grace Bio Care Pvt Ltd.	FOMESAFEN 12% + QUIZALOFOP ETHYL 3% SC	Satisfactory
536.	478198-F/9(4)2025	Advance Agrolife Limited	FOMESAFEN 12% + QUIZALOFOP ETHYL 3% SC	Satisfactory
537.	478328-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	FOMESAFEN 12% + QUIZALOFOP ETHYL 3% SC	Satisfactory
538.	473880-F/9(4)2025	VIZIEN ORGANICS	Fomesafen 17.5% + Clodinafop-Propargyl 12.5% ME	Satisfactory
539.	477565-F/9(4)2025	SAFAL AGRO CHEMICALS	Fomesafen 17.5% + Clodinafop-Propargyl 12.5% ME	Satisfactory
540.	477054-F/9(4)2025	HCM Agro Products Private Limited	Fomesafen 17.5% + Clodinafop-Propargyl 12.5% ME	Satisfactory
541.	478188-F/9(4)2025	Advance Agrolife Limited	Fomesafen 17.5% + Clodinafop-Propargyl 12.5% ME	Satisfactory
542.	476717-F/9(4)2025	REVA CHEM CORPORATION	Forchlorfenuron(CPPU) 0.1% w/v liquid	Satisfactory
543.	475914-F/9(4)2025	JU AGRI SCIENCES PRIVATE LIMITED	Forchlorfenuron(CPPU) 0.1% w/v liquid	Satisfactory
544.	478220-F/9(4)2025	Indofil Industries Limited	Fosetyl-Al 80% WP	Satisfactory
545.	476493-F/9(4)2025	M/s Techno Soilchem (I) Ltd.	Gibberellic Acid 0.001% L	Satisfactory
546.	476356-F/9(4)2025	ZEAL CROP CARE PRIVATE LIMITED	Gibberellic Acid 0.001% L	Satisfactory
547.	476968-F/9(4)2025	FARMERS AGRO SOLUTIONS	Gibberellic Acid 0.001% L	Satisfactory
548.	476272-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Gibberellic Acid 0.001% L	Satisfactory
549.	477190-F/9(4)2025	Tasaki Agro India Private Limited	Gibberellic Acid 0.001% L	Satisfactory
550.	477872-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Gibberellic Acid 0.001% L	Satisfactory
551.	475959-F/9(4)2025	Efficient Crop Control	Gibberellic Acid 0.001% L	Satisfactory
552.	473965-F/9(4)2025	Aqarais Agri Care	Gibberellic Acid 0.001% L	Satisfactory
553.	477946-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Gibberellic Acid 0.001% L	Satisfactory
554.	478141-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Gibberellic Acid 0.001% L	Satisfactory

555.	478384-F/9(4)2025	DEXTON CROP GUARD	Gibberellic Acid 0.001% L	Satisfactory
556.	477420-F/9(4)2025	Nova Farmaid (India)	Gibberellic Acid 0.1% GR	Satisfactory
557.	476522-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Gibberellic acid 0.186% S.P	Satisfactory
558.	477623-F/9(4)2025	ASTHA CHEMICALS	Gibberellic Acid 0.45% SL	Satisfactory
559.	476686-F/9(4)2025	TROPICAL AGROSYSTEM (INDIA) PVT. LTD.	Gibberellic Acid 0.45% SL	Satisfactory
560.	475476-F/9(4)2025	Sumoto Crop Science	GIBBERELLIC ACID 40% WSG	Satisfactory
561.	476523-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
562.	477213-F/9(4)2025	Aventis Agro Chemical and Exports	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
563.	477350-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
564.	477375-F/9(4)2025	Greentex Agro Science	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
565.	477143-F/9(4)2025	Hanvika Organic Innovations Private Limited	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
566.	477957-F/9(4)2025	RISEON CHEMICALS	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
567.	478310-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Glufosinate ammonium 13.5% w/w SL (15% w/v)	Satisfactory
568.	476420-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Glyphosate 41% S.L.	Satisfactory
569.	476633-F/9(4)2025	Kunzite Crop Science Private Limited	Glyphosate 41% S.L.	Satisfactory
570.	476875-F/9(4)2025	Chemstack private Limired	Glyphosate 41% S.L.	Satisfactory
571.	476842-F/9(4)2025	MAHALAXMI CHEMICALS	Glyphosate 41% S.L.	Satisfactory
572.	476273-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Glyphosate 41% S.L.	Satisfactory
573.	477329-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Glyphosate 41% S.L.	Satisfactory
574.	477191-F/9(4)2025	Tasaki Agro India Private Limited	Glyphosate 41% S.L.	Satisfactory
575.	475970-F/9(4)2025	Efficient Crop Control	Glyphosate 41% S.L.	Satisfactory
576.	478101-F/9(4)2025	Omkar Chemical Industries	Glyphosate 41% S.L.	Satisfactory
577.	478142-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Glyphosate 41% S.L.	Satisfactory
578.	478309-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Glyphosate 41% S.L.	Satisfactory
579.	478385-F/9(4)2025	DEXTON CROP GUARD	Glyphosate 41% S.L.	Satisfactory
580.	475470-F/9(4)2025	Sumoto Crop Science	Halosulfuron methyl 75% WG	Satisfactory
581.	478330-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Halosulfuron methyl 75% WG	Satisfactory
582.	476275-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Haloxyfop R Methyl 10.5% EC	Satisfactory
583.	475223-F/9(4)2025	Fieldlife Chemicals	Haloxyfop R Methyl 10.5% EC	Satisfactory
584.	476276-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Hexaconazole 4%+ Zineb 68% WP	Satisfactory
585.	477766-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Hexaconazole 4%+ Zineb 68% WP	Satisfactory

586.	478342-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Hexaconazole 4%+ Zineb 68% WP	Satisfactory
587.	475699-F/9(4)2025	R D Agro Chemicals (India)	HEXACONAZOLE 5% + VALIDAMYCIN 2.5% SC	Satisfactory
588.	455628-F/9(4)2024	Sourabh Agro Industries	HEXACONAZOLE 5% + VALIDAMYCIN 2.5% SC	Satisfactory
589.	478340-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	HEXACONAZOLE 5% + VALIDAMYCIN 2.5% SC	Satisfactory
590.	476426-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Hexaconazole 5% SC	Satisfactory
591.	476877-F/9(4)2025	Chemstack private Limired	Hexaconazole 5% SC	Satisfactory
592.	477192-F/9(4)2025	Tasaki Agro India Private Limited	Hexaconazole 5% SC	Satisfactory
593.	455558-F/9(4)2024	PIXELIN SCIENCES PRIVATE LIMITED	Hexaconazole 5% SC	Satisfactory
594.	478143-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Hexaconazole 5% SC	Satisfactory
595.	475654-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Hexaconazole 75% WG	Satisfactory
596.	477875-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Hexythiazox 5.45% EC	Satisfactory
597.	476524-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Imazethapyr 10 % SL	Satisfactory
598.	476629-F/9(4)2025	Kunzite Crop Science Private Limited	Imazethapyr 10 % SL	Satisfactory
599.	476358-F/9(4)2025	ZEAL CROP CARE PRIVATE LIMITED	Imazethapyr 10 % SL	Satisfactory
600.	476881-F/9(4)2025	Chemstack private Limired	Imazethapyr 10 % SL	Satisfactory
601.	477139-F/9(4)2025	Raj Pesticides Pvt. Ltd.	Imazethapyr 10 % SL	Satisfactory
602.	477193-F/9(4)2025	Tasaki Agro India Private Limited	Imazethapyr 10 % SL	Satisfactory
603.	478144-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Imazethapyr 10 % SL	Satisfactory
604.	477959-F/9(4)2025	RISEON CHEMICALS	Imazethapyr 10 % SL	Satisfactory
605.	478256-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Imazethapyr 10 % SL	Satisfactory
606.	476278-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Imazethapyr 35% + Imazamox 35% WG	Satisfactory
607.	478325-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Imazethapyr 35% + Imazamox 35% WG	Satisfactory
608.	476525-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Imazethapyr 70% WG	Satisfactory
609.	477146-F/9(4)2025	Raj Pesticides Pvt. Ltd.	Imazethapyr 70% WG	Satisfactory
610.	477691-F/9(4)2025	SAFAL AGRO CHEMICALS	Imazethapyr 70% WG	Satisfactory
611.	478145-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Imazethapyr 70% WG	Satisfactory
612.	478326-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Imazethapyr 70% WG	Satisfactory
613.	476853-F/9(4)2025	YASHNEE AGROCHEMICALS INDIA PRIVATE LIMITED	Imidacloprid 0.3% GR	Satisfactory
614.	476380-F/9(4)2025	Agroy Science and Company	IMIDACLOPRID 17.8% S.L.	Satisfactory

615.	457282-F/9(4)2024	MEGHA AGRO INDUSTRIES	IMIDACLOPRID 17.8% SL	Satisfactory
616.	476630-F/9(4)2025	Kunzite Crop Science Private Limited	IMIDACLOPRID 17.8% SL	Satisfactory
617.	476855-F/9(4)2025	YASHNEE AGROCHEMICALS INDIA PRIVATE LIMITED	IMIDACLOPRID 17.8% SL	Satisfactory
618.	476280-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	IMIDACLOPRID 17.8% SL	Satisfactory
619.	477624-F/9(4)2025	ASTHA CHEMICALS	IMIDACLOPRID 17.8% SL	Satisfactory
620.	475742-F/9(4)2025	Advance Agrolife Limited	Imidacloprid 21% w/w + Beta-cyfluthrin 10.5% w/w SC for indigenous manufacture	Satisfactory
621.	476779-F/9(4)2025	UNITY CROP CARE	Imidacloprid 21% w/w + Beta-cyfluthrin 10.5% w/w SC for indigenous manufacture	Satisfactory
622.	477688-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Imidacloprid 21% w/w + Beta-cyfluthrin 10.5% w/w SC for indigenous manufacture	Satisfactory
623.	476882-F/9(4)2025	Chemstack private Limired	Imidacloprid 30.5% SC	Satisfactory
624.	476282-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Imidacloprid 30.5% SC	Satisfactory
625.	477883-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Imidacloprid 30.5% SC	Satisfactory
626.	476526-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Imidacloprid 70% WG	Satisfactory
627.	477465-F/9(4)2025	Tasaki Agro India Private Limited	Imidacloprid 70% WG	Satisfactory
628.	477802-F/9(4)2025	Chemisumi Fertilizer & Chemical Private Limited	Imidacloprid 70% WG	Satisfactory
629.	477885-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Imidacloprid 70% WG	Satisfactory
630.	477144-F/9(4)2025	Hanvika Organic Innovations Private Limited	Imiprothrin 0.07% + Cypermethrin 0.2% Aerosol for indigenous manufacture.	Satisfactory
631.	476813-F/9(4)2025	Baroda Agro Chemicals Limited	Indoxacarb 14.5% + Acetamiprid 7.7% w/w SC	Satisfactory
632.	476883-F/9(4)2025	Chemstack private Limired	Indoxacarb 14.5% + Acetamiprid 7.7% w/w SC	Satisfactory
633.	476383-F/9(4)2025	Agroy Science and Company	Indoxacarb 14.5% SC	Satisfactory
634.	476884-F/9(4)2025	Chemstack private Limired	Indoxacarb 14.5% SC	Satisfactory
635.	476283-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Indoxacarb 14.5% SC	Satisfactory
636.	478167-F/9(4)2025	BETRUST INDUSTRIES PRIVATE LIMITED	Indoxacarb 15.8% EC	Satisfactory
637.	477689-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Indoxacarb 5% + Fipronil 5% SC	Satisfactory
638.	477233-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Isoprothiolane 40 % EC	Satisfactory
639.	477545-F/9(4)2025	SAFAL AGRO CHEMICALS	Isoprothiolane 40 % EC	Satisfactory
640.	476285-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Kasugamycin 5% + Copper Oxychloride 45% WP	Satisfactory
641.	477722-F/9(4)2025	CHEMROSH INDOVERSEAS	Kasugamycin 5% + Copper Oxychloride 45% WP	Satisfactory
642.	477690-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Kasugamycin 6% + Thifluzamide 26% SC	Satisfactory
643.	476527-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Kresoxim-methyl 15% + Chlorothalonil 56% WG	Satisfactory
644.	476513-F/9(4)2025	BHASKAR AGRO CHEMICALS LIMITED	Kresoxim-methyl 15% + Chlorothalonil 56% WG	Satisfactory

645.	477625-F/9(4)2025	ASTHA CHEMICALS	Kresoxim-methyl 15% + Chlorothalonil 56% WG	Satisfactory
646.	477693-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Kresoxim-methyl 15% + Chlorothalonil 56% WG	Satisfactory
647.	476288-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Kresoxim-methyl 18% + Mancozeb 54% WP	Satisfactory
648.	476144-F/9(4)2025	Aryadev Chemicals	Kresoxim-Methyl 44.3% w/w (500 g/l) SC	Satisfactory
649.	476958-F/9(4)2025	FARMERS AGRO SOLUTIONS	Lambda cyhalothrin 5% EC.	Satisfactory
650.	477672-F/9(4)2025	Osha Crop Protection Pvt Ltd	Lambda cyhalothrin 5% EC.	Satisfactory
651.	477874-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Lambda cyhalothrin 5% EC.	Satisfactory
652.	477845-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Lambda cyhalothrin 5% EC.	Satisfactory
653.	478257-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Lambda cyhalothrin 5% EC.	Satisfactory
654.	474223-F/9(4)2025	MAHALAXMI CHEMICALS	Lambdacyhalothrin 10% WP	Satisfactory
655.	476160-F/9(4)2025	Advance Agrolife Limited	LAMBDA-CYHALOTHRIN 2.43% CS	Satisfactory
656.	476682-F/9(4)2025	SHRI KRISHNA BIOCHEM PVT LTD	Lambda-cyhalothrin 4.9% Capsule Suspension	Satisfactory
657.	477269-F/9(4)2025	INPEST INDIA PRIVATE LIMITED	Lambda-cyhalothrin 4.9% Capsule Suspension	Satisfactory
658.	477199-F/9(4)2025	Tasaki Agro India Private Limited	Lambda-cyhalothrin 4.9% Capsule Suspension	Satisfactory
659.	477844-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Lambda-cyhalothrin 4.9% Capsule Suspension	Satisfactory
660.	478146-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Lambda-cyhalothrin 4.9% Capsule Suspension	Satisfactory
661.	474221-F/9(4)2025	MAHALAXMI CHEMICALS	Lambdacyhalothrin 9.7% CS	Satisfactory
662.	477065-F/9(4)2025	UPL Limited	Lambdacyhalothrin 9.7% CS	Satisfactory
663.	476528-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Lufenuron 5.4% EC	Satisfactory
664.	475700-F/9(4)2025	R D Agro Chemicals (India)	Lufenuron 5.4% EC	Satisfactory
665.	476388-F/9(4)2025	Agroy Science and Company	Lufenuron 5.4% EC	Satisfactory
666.	476152-F/9(4)2025	Aryadev Chemicals	Lufenuron 5.4% EC	Satisfactory
667.	477200-F/9(4)2025	Tasaki Agro India Private Limited	Lufenuron 5.4% EC	Satisfactory
668.	477154-F/9(4)2025	Hanvika Organic Innovations Private Limited	Lufenuron 5.4% EC	Satisfactory
669.	477878-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Lufenuron 5.4% EC	Satisfactory
670.	478315-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Lufenuron 5.4% EC	Satisfactory
671.	474226-F/9(4)2025	MAHALAXMI CHEMICALS	Malathion 25% W.P.	Satisfactory
672.	474228-F/9(4)2025	MAHALAXMI CHEMICALS	Malathion 50% E.C.	Satisfactory
673.	474225-F/9(4)2025	MAHALAXMI CHEMICALS	Malathion-5% D.P.	Satisfactory
674.	477725-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Mancozeb 75 % WP	Satisfactory

675.	478240-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Mancozeb 75 % WP	Satisfactory
676.	476529-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
677.	476312-F/9(4)2025	Sudarshan Consolidated Limited	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
678.	477110-F/9(4)2025	NACL Industries Limited	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
679.	476598-F/9(4)2025	PLANT BIOCHEM PVT LTD	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
680.	477696-F/9(4)2025	United Pesticides Laboratory	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
681.	477093-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Mesotrione 2.27%+ Atrazine 22.7% SC	Satisfactory
682.	476530-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Metalaxyl 35% W.S.	Satisfactory
683.	455559-F/9(4)2024	PIXELIN SCIENCES PRIVATE LIMITED	Metalaxyl 35% W.S.	Satisfactory
684.	475222-F/9(4)2025	Fieldlife Chemicals	Metalaxyl 35% W.S.	Satisfactory
685.	477023-F/9(4)2025	SKYN CROP CARE PRIVATE LIMITED	Metalaxyl 35% W.S.	Satisfactory
686.	476427-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
687.	476359-F/9(4)2025	ZEAL CROP CARE PRIVATE LIMITED	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
688.	476885-F/9(4)2025	Chemstack private Limired	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
689.	476608-F/9(4)2025	Agrow Allied Ventures Private Limited	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
690.	477201-F/9(4)2025	Tasaki Agro India Private Limited	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
691.	477695-F/9(4)2025	CHEMROSH INDOVERSEAS	Metalaxyl 8% + Mancozeb 64% WP	Satisfactory
692.	476498-F/9(4)2025	PINNACLE SEEDS RESEARCH COMPANY	Metalaxyl-M 3.3% + Chlorothalonil 33.1% SC	Satisfactory
693.	477925-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Metalaxyl-M 4% + Mancozeb 64% WP	Satisfactory
694.	478329-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Metamifop 10% EC	Satisfactory
695.	476334-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Metamifop 8% + Imazethapyr 4% + Imazamox 3% ME	Satisfactory
696.	476342-F/9(4)2025	Ichiban Crop Science Limited	Metamifop 8% + Imazethapyr 4% + Imazamox 3% ME	Satisfactory
697.	478321-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Metamifop 8% + Imazethapyr 4% + Imazamox 3% ME	Satisfactory
698.	472835-F/9(4)2025	Gujarat Pesticides.	Methoxyfenozide 20% + Chlorantraniliprole 5% SC	Satisfactory
699.	476830-F/9(4)2025	SRG AGRO INDUSTRIES	Methoxyfenozide 20% + Chlorantraniliprole 5% SC	Satisfactory
700.	477050-F/9(4)2025	HCM Agro Products Private Limited	Methoxyfenozide 20% + Chlorantraniliprole 5% SC	Satisfactory
701.	472964-F/9(4)2025	SIMEX CROP PROTECTION (INDIA) LLP	Methoxyfenozide 20% + Chlorantraniliprole 5% SC	Satisfactory
702.	477053-F/9(4)2025	HCM Agro Products Private Limited	METHOXYFENOZIDE 21.8% SC	Satisfactory
703.	477052-F/9(4)2025	HCM Agro Products Private Limited	Methoxyfenozide 5% + Chlorpyriphos 25% SE	Satisfactory
704.	469763-F/9(4)2025	Nabadurga Pesticides Private Limited	Metiram 44% + Dimethomorph 9% WG	Satisfactory

705.	469761-F/9(4)2025	Nabadurga Pesticides Private Limited	Metiram 55% + Pyraclostrobin 5% WG	Satisfactory
706.	477049-F/9(4)2025	HCM Agro Products Private Limited	Metiram 55% + Pyraclostrobin 5% WG	Satisfactory
707.	477701-F/9(4)2025	United Pesticides Laboratory	Metiram 55% + Pyraclostrobin 5% WG	Satisfactory
708.	477820-F/9(4)2025	Goldripe International Pvt Ltd	Metiram 55% + Pyraclostrobin 5% WG	Satisfactory
709.	477106-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Metiram 55% + Pyraclostrobin 5% WG	Satisfactory
710.	469650-F/9(4)2025	Nabadurga Pesticides Private Limited	Metiram 70% WG	Satisfactory
711.	478341-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Metiram 70% WG	Satisfactory
712.	476430-F/9(4)2025	Agro Life Science Corporation	Metolachlor 50 % E C	Satisfactory
713.	477666-F/9(4)2025	CHEMLEY AGRITECH PRIVATE LIMITED	Metolachlor 50 % E C	Satisfactory
714.	476531-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Metribuzin 70% W.P.	Satisfactory
715.	473968-F/9(4)2025	Aqarais Agri Care	Metribuzin 70% W.P.	Satisfactory
716.	477298-F/9(4)2025	Siddhant Agri Care.	Metribuzin 70% WG	Satisfactory
717.	476603-F/9(4)2025	Agrow Allied Ventures Private Limited	Metsulfuron Methyl 10% w/w + Chlorimuron Ethyl 10% WP	Satisfactory
718.	478359-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Metsulfuron Methyl 10% w/w + Chlorimuron Ethyl 10% WP	Satisfactory
719.	477202-F/9(4)2025	Tasaki Agro India Private Limited	Metsulfuron Methyl 20 % W.P	Satisfactory
720.	477152-F/9(4)2025	Raj Pesticides Pvt. Ltd.	Metsulfuron methyl 20% WP	Satisfactory
721.	477880-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Myclobutanil 10 % WP	Satisfactory
722.	476641-F/9(4)2025	Kan Biosys Pvt. Ltd.	Neem Based Granular Formulation Containing Azadirachtin 0.15% (1500 ppm) w/w min indigenous manufacture	Satisfactory
723.	476957-F/9(4)2025	FARMERS AGRO SOLUTIONS	Neem Based Granular Formulation Containing Azadirachtin 0.15% (1500 ppm) w/w min indigenous manufacture	Satisfactory
724.	476650-F/9(4)2025	Kan Biosys Pvt. Ltd.	Neem extract concentrate containing Azadirachtin-5% w/w min.	Satisfactory
725.	476956-F/9(4)2025	FARMERS AGRO SOLUTIONS	Neem extract concentrate containing Azadirachtin-5% w/w min.	Satisfactory
726.	477996-F/9(4)2025	Indofil Industries Limited	Neem extract concentrate containing Azadirachtin-5% w/w min.	Satisfactory
727.	476649-F/9(4)2025	Kan Biosys Pvt. Ltd.	Neem Extract Concentrate Containing Azadirachtin 10% w/w min.	Satisfactory
728.	476952-F/9(4)2025	FARMERS AGRO SOLUTIONS	Neem Extract Concentrate Containing Azadirachtin 10% w/w min.	Satisfactory
729.	476647-F/9(4)2025	Kan Biosys Pvt. Ltd.	Neem Kernel Based EC Containing Azadirachtin 0.3% w/w min.(3000 PPM)	Satisfactory
730.	476969-F/9(4)2025	FARMERS AGRO SOLUTIONS	Neem Kernel Based EC Containing Azadirachtin 0.3% w/w min.(3000 PPM)	Satisfactory
731.	477123-F/9(4)2025	BETRUST INDUSTRIES PRIVATE LIMITED	Neem Kernel Based EC Containing Azadirachtin 0.3% w/w min.(3000 PPM)	Satisfactory

732.	476639-F/9(4)2025	Kan Biosys Pvt. Ltd.	Neem Oil based - EC containing Azadirachtin 0.03% (300 PPM) w/w min. Botanical fungicide.	Satisfactory
733.	476960-F/9(4)2025	FARMERS AGRO SOLUTIONS	Neem Oil based - EC containing Azadirachtin 0.03% (300 PPM) w/w min. Botanical fungicide.	Satisfactory
734.	477976-F/9(4)2025	BETRUST INDUSTRIES PRIVATE LIMITED	Neem Oil based - EC containing Azadirachtin 0.03% (300 PPM) w/w min. Botanical fungicide.	Satisfactory
735.	476640-F/9(4)2025	Kan Biosys Pvt. Ltd.	Neem Oil Based E.C. Containing Azadirachtin 0.15% (Min.) EC (1500 PPM) PUBLIC HEALTH INSECTICIDE	Satisfactory
736.	476636-F/9(4)2025	Kan Biosys Pvt. Ltd.	Neem Oil Based EC containing Azadirachtin 0.03% (300 PPM) Min.	Satisfactory
737.	476961-F/9(4)2025	FARMERS AGRO SOLUTIONS	Neem Oil Based EC containing Azadirachtin 0.03% (300 PPM) Min.	Satisfactory
738.	476962-F/9(4)2025	FARMERS AGRO SOLUTIONS	Neem Seed Kernel Based EC containing AZADIRACHTIN 0.15% EC (1500 ppm) min	Satisfactory
739.	477974-F/9(4)2025	BETRUST INDUSTRIES PRIVATE LIMITED	Neem Seed Kernel Based EC containing AZADIRACHTIN 0.15% EC (1500 ppm) min	Satisfactory
740.	476645-F/9(4)2025	Kan Biosys Pvt. Ltd.	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min.	Satisfactory
741.	476360-F/9(4)2025	ZEAL CROP CARE PRIVATE LIMITED	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min.	Satisfactory
742.	476963-F/9(4)2025	FARMERS AGRO SOLUTIONS	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min.	Satisfactory
743.	477204-F/9(4)2025	Tasaki Agro India Private Limited	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min.	Satisfactory
744.	478206-F/9(4)2025	Indofil Industries Limited	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min.	Satisfactory
745.	476723-F/9(4)2025	OJAS AGRO CHEMICAL	Nitenpyram 25% SP	Satisfactory
746.	476374-F/9(4)2025	REVA CHEM CORPORATION	Nitenpyram 25% SP	Satisfactory
747.	476740-F/9(4)2025	Willowood Chemicals Ltd.	Nitenpyram 25% SP	Satisfactory
748.	477376-F/9(4)2025	Greentex Agro Science	Nitenpyram 25% SP	Satisfactory
749.	476623-F/9(4)2025	Crop Chemicals India Ltd	Nitenpyram 25% SP	Satisfactory
750.	477048-F/9(4)2025	HCM Agro Products Private Limited	Nitenpyram 25% SP	Satisfactory
751.	476831-F/9(4)2025	SRG AGRO INDUSTRIES	Nitenpyram 25% SP	Satisfactory
752.	478070-F/9(4)2025	AMPLE AGROCHEM INDUSTRIES	Nitenpyram 25% SP	Satisfactory
753.	476392-F/9(4)2025	Agroy Science and Company	Nitrobenzene 20% EW	Satisfactory
754.	477544-F/9(4)2025	SAFAL AGRO CHEMICALS	Nitrobenzene 20% EW	Satisfactory
755.	477626-F/9(4)2025	ASTHA CHEMICALS	Nitrobenzene 20% EW	Satisfactory
756.	478164-F/9(4)2025	SKYN CROP CARE PRIVATE LIMITED	Nitrobenzene 20% EW	Satisfactory
757.	476532-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory

758.	476888-F/9(4)2025	Chemstack private Limired	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory
759.	477351-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory
760.	477740-F/9(4)2025	Dudani Pesticides Private Limited	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory
761.	478021-F/9(4)2025	Saraswati Agro Chemicals (India) Private Limited	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory
762.	478386-F/9(4)2025	DEXTON CROP GUARD	NOVALURON 5.25% + EMAMECTIN BENZOATE 0.9% W/W SC	Satisfactory
763.	472613-F/9(4)2025	Sydney Formulation And Chemicals.	Novaluron 10% EC	Satisfactory
764.	478002-F/9(4)2025	Darrick Insecticides Ltd.	Novaluron 10% EC	Satisfactory
765.	475220-F/9(4)2025	Fieldlife Chemicals	Novaluron 10% EC	Satisfactory
766.	477352-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Novaluron 10% EC for indigenous manufacture	Satisfactory
767.	476533-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Satisfactory
768.	475487-F/9(4)2025	Sumoto Crop Science	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Satisfactory
769.	476889-F/9(4)2025	Chemstack private Limired	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Satisfactory
770.	477354-F/9(4)2025	Tasaki Agro India Private Limited	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Satisfactory
771.	475221-F/9(4)2025	Fieldlife Chemicals	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Satisfactory
772.	477231-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Satisfactory
773.	478344-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Oxadiargyl 6% EC	Satisfactory
774.	477299-F/9(4)2025	Siddhant Agri Care.	Oxadiargyl 80% W.P	Satisfactory
775.	476654-F/9(4)2025	Amigo Crop Science Private limited	Oxyflourfen 23.5% E.C (w/w)	Satisfactory
776.	476761-F/9(4)2025	Noble Agri Science	Oxyflourfen 23.5% E.C (w/w)	Satisfactory
777.	477079-F/9(4)2025	KANEPHILL AGRITECH PRIVATE LIMITED	Oxyflourfen 23.5% E.C (w/w)	Satisfactory
778.	477158-F/9(4)2025	Hanvika Organic Innovations Private Limited	Oxyflourfen 23.5% E.C (w/w)	Satisfactory
779.	477852-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Oxyflourfen 23.5% E.C (w/w)	Satisfactory
780.	477969-F/9(4)2025	RISEON CHEMICALS	Oxyflourfen 23.5% E.C (w/w)	Satisfactory
781.	476657-F/9(4)2025	Amigo Crop Science Private limited	Oxyfluorfen 0.35% GR	Satisfactory
782.	474281-F/9(4)2025	PERFECT SOLUTIONS	Oxyfluorfen 2.5% + Isopropyl amine salt of Glyphosate 41% w/w SC for indigenous manufacture	Satisfactory
783.	476289-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Oxyfluorfen 2.5% + Isopropyl amine salt of Glyphosate 41% w/w SC for indigenous manufacture	Satisfactory
784.	476660-F/9(4)2025	Amigo Crop Science Private limited	Oxyfluorfen 20% DF	Satisfactory
785.	476890-F/9(4)2025	Chemstack private Limired	Paclobutrazol 23% W/W SC	Satisfactory

786.	477312-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Paclobutrazol 23% W/W SC	Satisfactory
787.	478147-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Paclobutrazole 23% SC	Satisfactory
788.	476361-F/9(4)2025	ZEAL CROP CARE PRIVATE LIMITED	PACLOBUTRAZOLE 40% SC	Satisfactory
789.	476727-F/9(4)2025	Universal Speciality Chemicals Pvt. Ltd.	PACLOBUTRAZOLE 40% SC	Satisfactory
790.	476892-F/9(4)2025	Chemstack private Limired	PACLOBUTRAZOLE 40% SC	Satisfactory
791.	476964-F/9(4)2025	FARMERS AGRO SOLUTIONS	PACLOBUTRAZOLE 40% SC	Satisfactory
792.	477355-F/9(4)2025	Tasaki Agro India Private Limited	PACLOBUTRAZOLE 40% SC	Satisfactory
793.	478212-F/9(4)2025	Goldripe International Pvt Ltd	PACLOBUTRAZOLE 40% SC	Satisfactory
794.	478387-F/9(4)2025	DEXTON CROP GUARD	PACLOBUTRAZOLE 40% SC	Satisfactory
795.	476634-F/9(4)2025	Kunzite Crop Science Private Limited	Paraquat Dichloride 24% SL	Satisfactory
796.	476894-F/9(4)2025	Chemstack private Limired	Paraquat Dichloride 24% SL	Satisfactory
797.	476848-F/9(4)2025	MEGHA AGRO INDUSTRIES	Paraquat Dichloride 24% SL	Satisfactory
798.	477267-F/9(4)2025	INPEST INDIA PRIVATE LIMITED	Paraquat Dichloride 24% SL	Satisfactory
799.	477356-F/9(4)2025	Tasaki Agro India Private Limited	Paraquat Dichloride 24% SL	Satisfactory
800.	477611-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Paraquat Dichloride 24% SL	Satisfactory
801.	471308-F/9(4)2025	LINEMARK CROP CARE	Paraquat Dichloride 24% SL	Satisfactory
802.	477853-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Paraquat Dichloride 24% SL	Satisfactory
803.	475962-F/9(4)2025	Efficient Crop Control	Paraquat Dichloride 24% SL	Satisfactory
804.	478148-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Paraquat Dichloride 24% SL	Satisfactory
805.	478314-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Paraquat Dichloride 24% SL	Satisfactory
806.	478388-F/9(4)2025	DEXTON CROP GUARD	Paraquat Dichloride 24% SL	Satisfactory
807.	476590-F/9(4)2025	PLANT BIOCHEM PVT LTD	Pendimethalin 30 % EC	Satisfactory
808.	478149-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Pendimethalin 30 % EC	Satisfactory
809.	476290-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Pendimethalin 30% + Imazethapyr 2% EC	Satisfactory
810.	477370-F/9(4)2025	Tasaki Agro India Private Limited	Pendimethalin 30% + Imazethapyr 2% EC	Satisfactory
811.	476546-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Pendimethalin 38.7% CS	Satisfactory
812.	476895-F/9(4)2025	Chemstack private Limired	Pendimethalin 38.7% CS	Satisfactory
813.	476604-F/9(4)2025	Agrow Allied Ventures Private Limited	Pendimethalin 38.7% CS	Satisfactory
814.	477107-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Pendimethalin 38.7% CS	Satisfactory
815.	477859-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Pendimethalin 38.7% CS	Satisfactory
816.	477047-F/9(4)2025	HCM Agro Products Private Limited	PENFLUFEN 13.28% + TRIFLOXYSTROBIN 13.28% FS	Satisfactory

817.	476378-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Penflufen 22.43% w/w FS	Satisfactory
818.	476387-F/9(4)2025	Ichiban Crop Science Limited	Penflufen 22.43% w/w FS	Satisfactory
819.	476658-F/9(4)2025	India Pesticides Limited	PENOXSULAM 0.97% + BUTACHLOR 38.8% SE	Satisfactory
820.	454803-F/9(4)2024	Advance Agrolife Limited	PENOXSULAM 1.02% + CYHALOFOP-BUTYL 5.1% OD	Satisfactory
821.	476927-F/9(4)2025	Nabadurga Pesticides Private Limited	PENOXSULAM 1.02% + CYHALOFOP-BUTYL 5.1% OD	Satisfactory
822.	477083-F/9(4)2025	M/s Albaugh India Private Limited	PENOXSULAM 1.02% + CYHALOFOP-BUTYL 5.1% OD	Satisfactory
823.	477082-F/9(4)2025	M/s Albaugh India Private Limited	PENOXSULAM 2.67% w/w OD	Satisfactory
824.	476292-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Permethrin - 25% EC	Satisfactory
825.	474229-F/9(4)2025	MAHALAXMI CHEMICALS	Phenthoate 2 % D.P	Satisfactory
826.	476548-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Picoxystrobin 22.52% SC for indigenous manufacture	Satisfactory
827.	476362-F/9(4)2025	ZEAL CROP CARE PRIVATE LIMITED	Picoxystrobin 22.52% SC for indigenous manufacture	Satisfactory
828.	476746-F/9(4)2025	Baroda Agro Chemicals Limited	Picoxystrobin 22.52% SC for indigenous manufacture	Satisfactory
829.	476897-F/9(4)2025	Chemstack private Limired	Picoxystrobin 22.52% SC for indigenous manufacture	Satisfactory
830.	477707-F/9(4)2025	United Pesticides Laboratory	Picoxystrobin 22.52% SC for indigenous manufacture	Satisfactory
831.	477966-F/9(4)2025	RISEON CHEMICALS	Picoxystrobin 22.52% SC for indigenous manufacture	Satisfactory
832.	477224-F/9(4)2025	Crop Rise Agrochem Limited	Picoxystrobin 6.78% w/w +Tricyclazole 20.33% w/w SC	Satisfactory
833.	474973-F/9(4)2025	Indian Agri Science Pvt. Ltd.	Picoxystrobin 6.78% w/w +Tricyclazole 20.33% w/w SC	Satisfactory
834.	477547-F/9(4)2025	Bharathi Agro Chemicals Private Limited	Picoxystrobin 6.78% w/w +Tricyclazole 20.33% w/w SC	Satisfactory
835.	477108-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Picoxystrobin 6.78% w/w +Tricyclazole 20.33% w/w SC	Satisfactory
836.	478313-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Picoxystrobin 6.78% w/w +Tricyclazole 20.33% w/w SC	Satisfactory
837.	478389-F/9(4)2025	DEXTON CROP GUARD	Picoxystrobin 6.78% w/w +Tricyclazole 20.33% w/w SC	Satisfactory
838.	474975-F/9(4)2025	Indian Agri Science Pvt. Ltd.	Picoxystrobin 7.05% + Propiconazole 11.71% SC for indigenous manufacture	Satisfactory
839.	477582-F/9(4)2025	Chemtech Agro Care Pvt. Ltd.	Picoxystrobin 7.05% + Propiconazole 11.71% SC for indigenous manufacture	Satisfactory
840.	477711-F/9(4)2025	United Pesticides Laboratory	Picoxystrobin 7.05% + Propiconazole 11.71% SC for indigenous manufacture	Satisfactory
841.	476703-F/9(4)2025	Crystal Crop Protection Ltd	Pinoxaden 5.1 % EC	Satisfactory
842.	476922-F/9(4)2025	Nabadurga Pesticides Private Limited	Pinoxaden 5.1 % EC	Satisfactory
843.	477109-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Pinoxaden 5.1% EC for indigenous manufacture	Satisfactory
844.	476117-F/9(4)2025	Advance Agrolife Limited	Pirimiphos methyl 50% EC	Satisfactory
845.	476725-F/9(4)2025	OJAS AGRO CHEMICAL	PRETILACHLOR 30.0% + PYRAZOSULFURON ETHYL 0.75% WG	Satisfactory

846.	475660-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Pretilachlor 37% w/w EW	Satisfactory
847.	477523-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Pretilachlor 37% w/w EW	Satisfactory
848.	475963-F/9(4)2025	Efficient Crop Control	Pretilachlor 37% w/w EW	Satisfactory
849.	475664-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Pretilachlor 50% E.C.	Satisfactory
850.	478241-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Pretilachlor 50% E.C.	Satisfactory
851.	475655-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Pretilachlor-30.7% EC	Satisfactory
852.	476902-F/9(4)2025	Ichiban Crop Science Limited	PROCHLORAZ 34.8% + PROPICONAZOLE 7.8% EC	Satisfactory
853.	477234-F/9(4)2025	Congrats Agropack Pvt. Ltd.	PROCHLORAZ 34.8% + PROPICONAZOLE 7.8% EC	Satisfactory
854.	476896-F/9(4)2025	Ichiban Crop Science Limited	Prochloraz 5.7 % + Tebuconazole 1.4% ES	Satisfactory
855.	477235-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Prochloraz 5.7 % + Tebuconazole 1.4% ES	Satisfactory
856.	476451-F/9(4)2025	Graphene Crop Science	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
857.	476683-F/9(4)2025	SHRI KRISHNA BIOCHEM PVT LTD	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
858.	476854-F/9(4)2025	YASHNEE AGROCHEMICALS INDIA PRIVATE LIMITED	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
859.	475670-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
860.	471137-F/9(4)2025	INPEST INDIA PRIVATE LIMITED	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
861.	477372-F/9(4)2025	Tasaki Agro India Private Limited	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
862.	477735-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
863.	477780-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
864.	473969-F/9(4)2025	Aqarais Agri Care	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
865.	478150-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
866.	478229-F/9(4)2025	Omkar Chemical Industries	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
867.	478245-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
868.	478390-F/9(4)2025	DEXTON CROP GUARD	Profenofos 40% + Cypermethrin 4%E.C.	Satisfactory
869.	476795-F/9(4)2025	GREEN INDIA CARE	PROFENOFOS 40% + FENPYROXIMATE 2.5% EC	Satisfactory
870.	476858-F/9(4)2025	YASHNEE AGROCHEMICALS INDIA PRIVATE LIMITED	Profenophos 50% EC	Satisfactory
871.	475675-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Profenophos 50% EC	Satisfactory
872.	477323-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Profenophos 50% EC	Satisfactory
873.	477393-F/9(4)2025	Tasaki Agro India Private Limited	Profenophos 50% EC	Satisfactory
874.	478231-F/9(4)2025	Omkar Chemical Industries	Profenophos 50% EC	Satisfactory
875.	476724-F/9(4)2025	OJAS AGRO CHEMICAL	Propanil 80% DF	Satisfactory

876.	476501-F/9(4)2025	PINNACLE SEEDS RESEARCH COMPANY	Propaquizafop 10% EC	Satisfactory
877.	477147-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Propaquizafop 10% EC	Satisfactory
878.	477873-F/9(4)2025	AMPLE AGROCHEM INDUSTRIES	Propaquizafop 10% EC	Satisfactory
879.	477713-F/9(4)2025	United Pesticides Laboratory	Propaquizafop 10% EC	Satisfactory
880.	477703-F/9(4)2025	SAFAL AGRO CHEMICALS	Propaquizafop 10% EC	Satisfactory
881.	478347-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Propaquizafop 10% EC	Satisfactory
882.	478312-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Propaquizafop 10% EC	Satisfactory
883.	478322-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	Propaquizafop 2.5% + Imazethapyr 3.75% ME	Satisfactory
884.	469764-F/9(4)2025	Nabadurga Pesticides Private Limited	Propaquizafop 5% + Oxyfluorfen 12% EC	Satisfactory
885.	476797-F/9(4)2025	UNITY CROP CARE	Propaquizafop 5% + Oxyfluorfen 12% EC	Satisfactory
886.	472831-F/9(4)2025	Gujarat Pesticides.	Propaquizafop 5% + Oxyfluorfen 12% EC	Satisfactory
887.	477715-F/9(4)2025	United Pesticides Laboratory	Propaquizafop 5% + Oxyfluorfen 12% EC	Satisfactory
888.	476592-F/9(4)2025	PLANT BIOCHEM PVT LTD	PROPARGITE 42% + HEXYTHIAZOX 2% EC	Satisfactory
889.	477165-F/9(4)2025	Hanvika Organic Innovations Private Limited	PROPARGITE 42% + HEXYTHIAZOX 2% EC	Satisfactory
890.	476695-F/9(4)2025	INDIAN AGRITECH	Propiconazole 10.7% + Tricyclazole 34.2% SE	Satisfactory
891.	476550-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Propiconazole 13.9% w/w + Difenoconazole 13.9% w/w EC	Satisfactory
892.	475278-F/9(4)2025	Krishna Agritech Industries	Propiconazole 13.9% w/w + Difenoconazole 13.9% w/w EC	Satisfactory
893.	477694-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Propiconazole 13.9% w/w + Difenoconazole 13.9% w/w EC	Satisfactory
894.	457283-F/9(4)2024	MEGHA AGRO INDUSTRIES	Propiconazole 25% E.C	Satisfactory
895.	476551-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Propiconazole 25% E.C	Satisfactory
896.	476293-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Propiconazole 25% E.C	Satisfactory
897.	477440-F/9(4)2025	VR SULPHUR PRIVATE LIMITED	Propineb 70% WP	Satisfactory
898.	477763-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Propineb 70% WP	Satisfactory
899.	478246-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Propineb 70% WP	Satisfactory
900.	474232-F/9(4)2025	MAHALAXMI CHEMICALS	Propoxur 20% E.C.	Satisfactory
901.	475279-F/9(4)2025	Cocreate Global technologies private limited	Propoxur 20% E.C.	Satisfactory
902.	476844-F/9(4)2025	UNITY CROP CARE	Pymetrozine 25.0% +Thiamethoxam 17.5% + Hexaconazole 12.5% WG	Satisfactory
903.	477046-F/9(4)2025	HCM Agro Products Private Limited	Pymetrozine 25.0% +Thiamethoxam 17.5% + Hexaconazole 12.5% WG	Satisfactory
904.	476648-F/9(4)2025	Sumoto Crop Science	Pymetrozine 30% + Dinotefuran 10% + Pyraclostrobin 20% WG	Satisfactory

905.	476845-F/9(4)2025	UNITY CROP CARE	Pymetrozine 30% + Dinotefuran 10% + Pyraclostrobin 20% WG	Satisfactory
906.	477045-F/9(4)2025	HCM Agro Products Private Limited	Pymetrozine 30% + Dinotefuran 10% + Pyraclostrobin 20% WG	Satisfactory
907.	476553-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	PYMETROZINE 50% WG	Satisfactory
908.	476898-F/9(4)2025	Chemstack private Limired	PYMETROZINE 50% WG	Satisfactory
909.	473325-F/9(4)2025	Siddhant Agri Care.	PYMETROZINE 50% WG	Satisfactory
910.	475680-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	PYMETROZINE 50% WG	Satisfactory
911.	477395-F/9(4)2025	Tasaki Agro India Private Limited	PYMETROZINE 50% WG	Satisfactory
912.	477156-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	PYMETROZINE 50% WG	Satisfactory
913.	477718-F/9(4)2025	United Pesticides Laboratory	PYMETROZINE 50% WG	Satisfactory
914.	477770-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	PYMETROZINE 50% WG	Satisfactory
915.	478247-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	PYMETROZINE 50% WG	Satisfactory
916.	476502-F/9(4)2025	PINNACLE SEEDS RESEARCH COMPANY	Pyraclostrobin 10% + Thifluzamide 10% w/v SC	Satisfactory
917.	473881-F/9(4)2025	VIZIEN ORGANICS	Pyraclostrobin 10% + Thifluzamide 10% w/v SC	Satisfactory
918.	477044-F/9(4)2025	HCM Agro Products Private Limited	Pyraclostrobin 10% + Thifluzamide 10% w/v SC	Satisfactory
919.	477704-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Pyraclostrobin 10% + Thifluzamide 10% w/v SC	Satisfactory
920.	477042-F/9(4)2025	HCM Agro Products Private Limited	Pyraclostrobin 133 g/l + Epoxiconazole 50 g/l SE	Satisfactory
921.	476556-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Pyraclostrobin 20% WG	Satisfactory
922.	476791-F/9(4)2025	Baroda Agro Chemicals Limited	Pyraclostrobin 20% WG	Satisfactory
923.	476914-F/9(4)2025	Chemstack private Limired	Pyraclostrobin 20% WG	Satisfactory
924.	476762-F/9(4)2025	Noble Agri Science	Pyraclostrobin 3.5% + Thiram 15% + Clothianidin 22.5% FS	Satisfactory
925.	476781-F/9(4)2025	UNITY CROP CARE	Pyraclostrobin 3.5% + Thiram 15% + Clothianidin 22.5% FS	Satisfactory
926.	476443-F/9(4)2025	Jefie Kisan Care	Pyrazosulfuron ethyl 10% WP	Satisfactory
927.	476505-F/9(4)2025	DCGL INDUSTRIES LIMITED	Pyrazosulfuron ethyl 10% WP	Satisfactory
928.	476294-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Pyrazosulfuron ethyl 10% WP	Satisfactory
929.	477311-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Pyrazosulfuron ethyl 10% WP	Satisfactory
930.	476599-F/9(4)2025	PLANT BIOCHEM PVT LTD	Pyrazosulfuron ethyl 10% WP	Satisfactory
931.	474237-F/9(4)2025	MAHALAXMI CHEMICALS	Pyrethrum 0.05% + Malathion 1% House hold	Satisfactory
932.	474233-F/9(4)2025	MAHALAXMI CHEMICALS	Pyrethrum 2%EC	Satisfactory
933.	476977-F/9(4)2025	Dharmaj Crop Guard Limited	Pyrethrum 2%EC	Satisfactory
934.	477076-F/9(4)2025	UPL Limited	Pyrethrum Extract 2% w/w	Satisfactory
935.	476948-F/9(4)2025	Lotus Biotech	Pyrethrum Extract 2% w/w	Satisfactory

936.	475697-F/9(4)2025	R D Agro Chemicals (India)	Pyriproxyfen 10% + Bifenthrin 10% w/w EC for indigenous manufacture	Satisfactory
937.	476295-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Pyriproxyfen 10% + Bifenthrin 10% w/w EC for indigenous manufacture	Satisfactory
938.	476607-F/9(4)2025	PLANT BIOCHEM PVT LTD	Pyriproxyfen 10% + Bifenthrin 10% w/w EC for indigenous manufacture	Satisfactory
939.	477784-F/9(4)2025	Chemisumi Fertilizer & Chemical Private Limited	Pyriproxyfen 10% + Bifenthrin 10% w/w EC for indigenous manufacture	Satisfactory
940.	476557-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Pyriproxyfen 10% EC	Satisfactory
941.	476899-F/9(4)2025	Chemstack private Limired	Pyriproxyfen 10% EC	Satisfactory
942.	472085-F/9(4)2025	FAIRO CORPORATION	PYRIPROXYFEN 5% + DIAFENTHIURON 25% SE	Satisfactory
943.	477860-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	PYRIPROXYFEN 5% + DIAFENTHIURON 25% SE	Satisfactory
944.	478352-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	PYRIPROXYFEN 5% + DIAFENTHIURON 25% SE	Satisfactory
945.	476352-F/9(4)2025	HemaniIndustries Ltd.,	Pyriproxyfen 5% + Fenpropathrin 15% EC	Satisfactory
946.	476153-F/9(4)2025	Aryadev Chemicals	Pyriproxyfen 5% + Fenpropathrin 15% EC	Satisfactory
947.	476143-F/9(4)2025	Aryadev Chemicals	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	Satisfactory
948.	476783-F/9(4)2025	UNITY CROP CARE	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	Satisfactory
949.	477968-F/9(4)2025	RISEON CHEMICALS	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	Satisfactory
950.	473970-F/9(4)2025	Aqarais Agri Care	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	Satisfactory
951.	478151-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	Satisfactory
952.	478360-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	Satisfactory
953.	477232-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Pyrithiobac- Sodium 10 % EC	Satisfactory
954.	478318-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Pyrithiobac- Sodium 10 % EC	Satisfactory
955.	468857-F/9(4)2025	Sourabh Agro Industries	Pyrithiobac sodium 6% + Quizalofop ethyl 4% MEC (Micro Emulsion Concentrate)	Satisfactory
956.	476296-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Pyrithiobac sodium 6% + Quizalofop ethyl 4% MEC (Micro Emulsion Concentrate)	Satisfactory
957.	477528-F/9(4)2025	PEPTECH BIOSCIENCES LIMITED	Pyrithiobac sodium 6% + Quizalofop ethyl 4% MEC (Micro Emulsion Concentrate)	Satisfactory
958.	476701-F/9(4)2025	Navratna Crop Sciences	Pyroxasulfone 85% WG	Satisfactory
959.	476924-F/9(4)2025	Nabadurga Pesticides Private Limited	Pyroxasulfone 85% WG	Satisfactory
960.	477414-F/9(4)2025	Nova Farmaid (India)	Pyroxasulfone 85% WG	Satisfactory
961.	477160-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Pyroxasulfone 85% WG	Satisfactory
962.	477838-F/9(4)2025	Future Chem Agro Private Limited	Pyroxasulfone 85% WG	Satisfactory
963.	476573-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Quinalphos 25% EC	Satisfactory
964.	477678-F/9(4)2025	CHEMROSH INDOVERSEAS	Quinalphos 25% EC	Satisfactory

965.	477821-F/9(4)2025	Goldripe International Pvt Ltd	Quinalphos 25% EC	Satisfactory
966.	476587-F/9(4)2025	Sumitomo Chemical India Ltd	QUIZALOFOP ETHYL 10% EC	Satisfactory
967.	476364-F/9(4)2025	ZEAL CROP CARE PRIVATE LIMITED	QUIZALOFOP ETHYL 10% EC	Satisfactory
968.	468858-F/9(4)2025	Sourabh Agro Industries	QUIZALOFOP ETHYL 10% EC	Satisfactory
969.	477317-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	QUIZALOFOP ETHYL 10% EC	Satisfactory
970.	477397-F/9(4)2025	Tasaki Agro India Private Limited	QUIZALOFOP ETHYL 10% EC	Satisfactory
971.	478152-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	QUIZALOFOP ETHYL 10% EC	Satisfactory
972.	478357-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	QUIZALOFOP ETHYL 10% EC	Satisfactory
973.	478391-F/9(4)2025	DEXTON CROP GUARD	QUIZALOFOP ETHYL 10% EC	Satisfactory
974.	476763-F/9(4)2025	Noble Agri Science	QUIZALOFOP ETHYL 4% + OXYFLUORFEN 6% EC	Satisfactory
975.	476710-F/9(4)2025	REVA CHEM CORPORATION	QUIZALOFOP ETHYL 4% + OXYFLUORFEN 6% EC	Satisfactory
976.	476901-F/9(4)2025	Chemstack private Limired	QUIZALOFOP ETHYL 4% + OXYFLUORFEN 6% EC	Satisfactory
977.	477549-F/9(4)2025	SAFAL AGRO CHEMICALS	QUIZALOFOP ETHYL 4% + OXYFLUORFEN 6% EC	Satisfactory
978.	477697-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	QUIZALOFOP ETHYL 4% + OXYFLUORFEN 6% EC	Satisfactory
979.	478153-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	QUIZALOFOP ETHYL 4% + OXYFLUORFEN 6% EC	Satisfactory
980.	476146-F/9(4)2025	Aryadev Chemicals	QUIZALOFOP ETHYL 7.5% + IMAZETHAPYR 15 % EC	Satisfactory
981.	478154-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	QUIZALOFOP ETHYL 7.5% + IMAZETHAPYR 15 % EC	Satisfactory
982.	478317-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	QUIZALOFOP ETHYL 7.5% + IMAZETHAPYR 15 % EC	Satisfactory
983.	476903-F/9(4)2025	Chemstack private Limired	QUIZALOFOP-ETHYL 5% w/w EC	Satisfactory
984.	476297-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	QUIZALOFOP-ETHYL 5% w/w EC	Satisfactory
985.	477377-F/9(4)2025	Greentex Agro Science	QUIZALOFOP-ETHYL 5% w/w EC	Satisfactory
986.	477284-F/9(4)2025	HemaniIndustries Ltd.,	Sodium Acifluorfen 16.5% + Clodinafop-Propargyl 8% EC for indigenous manufacture	Satisfactory
987.	478155-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Sodium Acifluorfen 16.5% + Clodinafop-Propargyl 8% EC for indigenous manufacture	Satisfactory
988.	477627-F/9(4)2025	ASTHA CHEMICALS	SODIUM PARA-NITRO PHENOLATE 0.3 % SL	Satisfactory
989.	477743-F/9(4)2025	Dudani Pesticides Private Limited	SODIUM PARA-NITRO PHENOLATE 0.3 % SL	Satisfactory
990.	477027-F/9(4)2025	SKYN CROP CARE PRIVATE LIMITED	SODIUM PARA-NITRO PHENOLATE 0.3 % SL	Satisfactory
991.	477777-F/9(4)2025	Chemisumi Fertilizer & Chemical Private Limited	SODIUM PARA-NITRO PHENOLATE 0.3 % SL	Satisfactory
992.	476516-F/9(4)2025	Thakar Chemicals Ltd.	Spinetoram11.7% SC	Satisfactory
993.	454800-F/9(4)2024	Advance Agrolife Limited	Spinetoram11.7% SC	Satisfactory
994.	476790-F/9(4)2025	Baroda Agro Chemicals Limited	Spinosad 2.5 % SC	Satisfactory

995.	476904-F/9(4)2025	Chemstack private Limired	Spinosad 2.5 % SC	Satisfactory
996.	457685-F/9(4)2024	PIXELIN SCIENCES PRIVATE LIMITED	Spinosad 2.5 % SC	Satisfactory
997.	477401-F/9(4)2025	Tasaki Agro India Private Limited	Spinosad 45% SC	Satisfactory
998.	476123-F/9(4)2025	CRIAG TECHNOLOGIES PRIVATE LIMITED	Spinosad 45% SC	Satisfactory
999.	476396-F/9(4)2025	Agroy Science and Company	Spiromesifen 22.9% SC	Satisfactory
1000.	476394-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Sulfentrazone 19% + Pretilachlor 28.5% SE	Satisfactory
1001.	476389-F/9(4)2025	Ichiban Crop Science Limited	Sulfentrazone 19% + Pretilachlor 28.5% SE	Satisfactory
1002.	477041-F/9(4)2025	HCM Agro Products Private Limited	Sulfentrazone 19% + Pretilachlor 28.5% SE	Satisfactory
1003.	477358-F/9(4)2025	Saraswati Agro Chemicals (India) Private Limited	Sulfentrazone 28% + Clomazone 30% WP	Satisfactory
1004.	477034-F/9(4)2025	HCM Agro Products Private Limited	Sulfentrazone 28% + Clomazone 30% WP	Satisfactory
1005.	476605-F/9(4)2025	Agrow Allied Ventures Private Limited	Sulphur 80% W.P	Satisfactory
1006.	476905-F/9(4)2025	Chemstack private Limired	Sulphur 80% WDG	Satisfactory
1007.	477404-F/9(4)2025	Tasaki Agro India Private Limited	Sulphur 80% WDG	Satisfactory
1008.	477645-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Sulphur 80% WDG	Satisfactory
1009.	477724-F/9(4)2025	CHEMROSH INDOVERSEAS	Sulphur 80% WDG	Satisfactory
1010.	478156-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Sulphur 80% WDG	Satisfactory
1011.	474239-F/9(4)2025	MAHALAXMI CHEMICALS	Sulphur 85% D.P.	Satisfactory
1012.	476500-F/9(4)2025	M/s Techno Soilchem (I) Ltd.	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1013.	476802-F/9(4)2025	Baroda Agro Chemicals Limited	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1014.	476911-F/9(4)2025	Chemstack private Limired	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1015.	477408-F/9(4)2025	Tasaki Agro India Private Limited	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1016.	477643-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1017.	478157-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Tebuconazole 10% + Sulphur 65% WG	Satisfactory
1018.	478208-F/9(4)2025	Asiatic Green Agrico Pvt Ltd	Tebuconazole 15% + Zineb 57% WDG	Satisfactory
1019.	478236-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Tebuconazole 25.9% E.C.	Satisfactory
1020.	476923-F/9(4)2025	Rallis India Limited	TEBUCONAZOLE 38.39% SC	Satisfactory
1021.	477302-F/9(4)2025	Godrej Agrovet Limited	TEBUCONAZOLE 38.39% SC	Satisfactory
1022.	476165-F/9(4)2025	Sumoto Crop Science	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1023.	476642-F/9(4)2025	Jefie Kisan Care	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1024.	476696-F/9(4)2025	INDIAN AGRITECH	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1025.	476314-F/9(4)2025	Sudarshan Consolidated Limited	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory

1026.	477326-F/9(4)2025	Crop Rise Agrochem Limited	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1027.	477381-F/9(4)2025	Leeds Life Sciences Private Limited	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1028.	477167-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1029.	477563-F/9(4)2025	SAFAL AGRO CHEMICALS	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1030.	477444-F/9(4)2025	Tasaki Agro India Private Limited	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1031.	477741-F/9(4)2025	Jaycee LifeSciences	TEBUCONAZOLE 50% + TRIFLOXYSTROBIN 25% WG	Satisfactory
1032.	477341-F/9(4)2025	SAFEX CHEMICALS INDIA LTD.	TEBUCONAZOLE 50% + TRIFLOXYSTROBIN 25% WG	Satisfactory
1033.	477290-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1034.	478265-F/9(4)2025	Grace Bio Care Pvt Ltd.	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1035.	478392-F/9(4)2025	DEXTON CROP GUARD	Tebuconazole 50% + Trifloxystrobin 25% WG	Satisfactory
1036.	472084-F/9(4)2025	FAIRO CORPORATION	TEBUCONAZOLE 6.7% + CAPTAN 26.9% W/W SC	Satisfactory
1037.	477163-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	TEBUCONAZOLE 6.7% + CAPTAN 26.9% W/W SC	Satisfactory
1038.	476574-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Tembotrione 34.4% w/w SC	Satisfactory
1039.	476448-F/9(4)2025	Jefie Kisan Care	Tembotrione 34.4% w/w SC	Satisfactory
1040.	476764-F/9(4)2025	Noble Agri Science	Tembotrione 34.4% w/w SC	Satisfactory
1041.	476315-F/9(4)2025	Sudarshan Consolidated Limited	Tembotrione 34.4% w/w SC	Satisfactory
1042.	476803-F/9(4)2025	AG Industries	Tembotrione 34.4% w/w SC	Satisfactory
1043.	476912-F/9(4)2025	Chemstack private Limired	Tembotrione 34.4% w/w SC	Satisfactory
1044.	477075-F/9(4)2025	Sparta Agritech Private Limited	Tembotrione 34.4% w/w SC	Satisfactory
1045.	475684-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Tembotrione 34.4% w/w SC	Satisfactory
1046.	471135-F/9(4)2025	INPEST INDIA PRIVATE LIMITED	Tembotrione 34.4% w/w SC	Satisfactory
1047.	477173-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Tembotrione 34.4% w/w SC	Satisfactory
1048.	477446-F/9(4)2025	Tasaki Agro India Private Limited	Tembotrione 34.4% w/w SC	Satisfactory
1049.	477720-F/9(4)2025	United Pesticides Laboratory	Tembotrione 34.4% w/w SC	Satisfactory
1050.	478258-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Tembotrione 34.4% w/w SC	Satisfactory
1051.	478316-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Tembotrione 34.4% w/w SC	Satisfactory
1052.	476915-F/9(4)2025	Chemstack private Limired	Tembotrione 9% + Atrazine 45% WG	Satisfactory
1053.	477140-F/9(4)2025	VIZIEN ORGANICS	Tembotrione 9% + Atrazine 45% WG	Satisfactory
1054.	477032-F/9(4)2025	HCM Agro Products Private Limited	Tembotrione 9% + Atrazine 45% WG	Satisfactory
1055.	474242-F/9(4)2025	MAHALAXMI CHEMICALS	Temephos 1% Granules	Satisfactory
1056.	474241-F/9(4)2025	MAHALAXMI CHEMICALS	Temephos 50% E.C	Satisfactory

1057.	472612-F/9(4)2025	Sydney Formulation And Chemicals.	Temephos 50% E.C	Satisfactory
1058.	477148-F/9(4)2025	VIZIEN ORGANICS	Tetraniliprole 40.34% FS	Satisfactory
1059.	476495-F/9(4)2025	M/s Techno Soilchem (I) Ltd.	THIAMETHOXAM 1.0% + CHLORANTRANILIPROLE 0.5% GR	Satisfactory
1060.	476606-F/9(4)2025	Agrow Allied Ventures Private Limited	THIAMETHOXAM 1.0% + CHLORANTRANILIPROLE 0.5% GR	Satisfactory
1061.	476850-F/9(4)2025	MEGHA AGRO INDUSTRIES	THIAMETHOXAM 1.0% + CHLORANTRANILIPROLE 0.5% GR	Satisfactory
1062.	477264-F/9(4)2025	INPEST INDIA PRIVATE LIMITED	THIAMETHOXAM 1.0% + CHLORANTRANILIPROLE 0.5% GR	Satisfactory
1063.	477458-F/9(4)2025	Tasaki Agro India Private Limited	THIAMETHOXAM 1.0% + CHLORANTRANILIPROLE 0.5% GR	Satisfactory
1064.	477828-F/9(4)2025	PROXIMA BIOTECH PRIVATE LIMITED	THIAMETHOXAM 1.0% + CHLORANTRANILIPROLE 0.5% GR	Satisfactory
1065.	477705-F/9(4)2025	SAFAL AGRO CHEMICALS	THIAMETHOXAM 1.0% + CHLORANTRANILIPROLE 0.5% GR	Satisfactory
1066.	478331-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	THIAMETHOXAM 1.0% + CHLORANTRANILIPROLE 0.5% GR	Satisfactory
1067.	471651-F/9(4)2025	NEOSAFE BIOSCIENCE PRIVATE LIMITED	THIAMETHOXAM 1.0% + CHLORANTRANILIPROLE 0.5% GR	Satisfactory
1068.	476918-F/9(4)2025	Chemstack private Limired	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1069.	476967-F/9(4)2025	FARMERS AGRO SOLUTIONS	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1070.	477448-F/9(4)2025	Tasaki Agro India Private Limited	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1071.	477730-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1072.	477767-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1073.	471792-F/9(4)2025	KILPLAY PESTICIDES	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1074.	478158-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1075.	478234-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1076.	477561-F/9(4)2025	Vista Molecules Private Limited	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1077.	478393-F/9(4)2025	DEXTON CROP GUARD	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC for indigenous manufacture	Satisfactory
1078.	476418-F/9(4)2025	INDOCHEM AGROVET PVT LTD	Thiamethoxam 25% WG	Satisfactory
1079.	476916-F/9(4)2025	Chemstack private Limired	Thiamethoxam 25% WG	Satisfactory
1080.	477734-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Thiamethoxam 25% WG	Satisfactory
1081.	477778-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Thiamethoxam 25% WG	Satisfactory

1082.	478160-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Thiamethoxam 25% WG	Satisfactory
1083.	476497-F/9(4)2025	M/s Techno Soilchem (I) Ltd.	Thiamethoxam 30% FS	Satisfactory
1084.	476806-F/9(4)2025	SHRI KRISHNA BIOCHEM PVT LTD	Thiamethoxam 30% FS	Satisfactory
1085.	476917-F/9(4)2025	Chemstack private Limired	Thiamethoxam 30% FS	Satisfactory
1086.	477454-F/9(4)2025	Tasaki Agro India Private Limited	Thiamethoxam 30% FS	Satisfactory
1087.	477732-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Thiamethoxam 30% FS	Satisfactory
1088.	477758-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Thiamethoxam 30% FS	Satisfactory
1089.	478161-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Thiamethoxam 30% FS	Satisfactory
1090.	478260-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Thiamethoxam 30% FS	Satisfactory
1091.	476575-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	THIAMETHOXAM 75% w/w SG	Satisfactory
1092.	477456-F/9(4)2025	Tasaki Agro India Private Limited	THIAMETHOXAM 75% w/w SG	Satisfactory
1093.	477175-F/9(4)2025	Hanvika Organic Innovations Private Limited	THIAMETHOXAM 75% w/w SG	Satisfactory
1094.	477731-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	THIAMETHOXAM 75% w/w SG	Satisfactory
1095.	476576-F/9(4)2025	LINUXCROP CHEMICALS PVT. LTD	Thifluzamide 24 % SC	Satisfactory
1096.	476704-F/9(4)2025	Crystal Crop Protection Ltd	Thifluzamide 24 % SC	Satisfactory
1097.	471793-F/9(4)2025	KILPLAY PESTICIDES	Thifluzamide 24 % SC	Satisfactory
1098.	477215-F/9(4)2025	VIZIEN ORGANICS	Thiocyclam Hydrogen Oxalate 3.0% + Clothianidin 1.2% GR	Satisfactory
1099.	477030-F/9(4)2025	HCM Agro Products Private Limited	Thiocyclam Hydrogen Oxalate 3.0% + Clothianidin 1.2% GR	Satisfactory
1100.	476397-F/9(4)2025	Congrats Agropack Pvt. Ltd.	Thiophanate Methyl 41.7% SC	Satisfactory
1101.	476399-F/9(4)2025	Ichiban Crop Science Limited	Thiophanate Methyl 41.7% SC	Satisfactory
1102.	478006-F/9(4)2025	Darrick Insecticides Ltd.	Thiophanate Methyl 41.7% SC	Satisfactory
1103.	477080-F/9(4)2025	KANEPHILL AGRITECH PRIVATE LIMITED	THIOPHANATE METHYL 450 g/l + PYRACLOSTROBIN 50 g/l (w/v) FS	Satisfactory
1104.	476921-F/9(4)2025	CROP CINE AGRO CHEMICALS	THIOPHANATE METHYL 450 g/l + PYRACLOSTROBIN 50 g/l (w/v) FS	Satisfactory
1105.	477025-F/9(4)2025	HCM Agro Products Private Limited	THIOPHANATE METHYL 450 g/l + PYRACLOSTROBIN 50 g/l (w/v) FS	Satisfactory
1106.	477698-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	THIOPHANATE METHYL 450 g/l + PYRACLOSTROBIN 50 g/l (w/v) FS	Satisfactory
1107.	477665-F/9(4)2025	CHEMLEY AGRITECH PRIVATE LIMITED	Thiophanate Methyl 70% WP	Satisfactory
1108.	477728-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Thiophanate Methyl 70% WP	Satisfactory
1109.	477768-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Thiophanate Methyl 70% WP	Satisfactory
1110.	475615-F/9(4)2025	GCS AGRO ENTERPRISES	Thiram 75% W.S.	Satisfactory

1111.	477719-F/9(4)2025	United Pesticides Laboratory	Tolfenpyrad 15% +Bifenthrin 7.5 % SE	Satisfactory
1112.	476122-F/9(4)2025	CRIAG TECHNOLOGIES PRIVATE LIMITED	Tolfenpyrad 15% +Bifenthrin 7.5 % SE	Satisfactory
1113.	477028-F/9(4)2025	SKYN CROP CARE PRIVATE LIMITED	Tolfenpyrad 15% +Bifenthrin 7.5 % SE	Satisfactory
1114.	478320-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Tolfenpyrad 15% +Bifenthrin 7.5 % SE	Satisfactory
1115.	476611-F/9(4)2025	Sumitomo Chemical India Ltd	Tolfenpyrad 15%EC	Satisfactory
1116.	476365-F/9(4)2025	ZEAL CROP CARE PRIVATE LIMITED	Tolfenpyrad 15%EC	Satisfactory
1117.	476754-F/9(4)2025	Leeds Life Sciences Private Limited	Tolfenpyrad 15%EC	Satisfactory
1118.	476859-F/9(4)2025	Nabadurga Pesticides Private Limited	Tolfenpyrad 15%EC	Satisfactory
1119.	476800-F/9(4)2025	Baroda Agro Chemicals Limited	Tolfenpyrad 15%EC	Satisfactory
1120.	476937-F/9(4)2025	Chemstack private Limired	Tolfenpyrad 15%EC	Satisfactory
1121.	476784-F/9(4)2025	UNITY CROP CARE	Tolfenpyrad 15%EC	Satisfactory
1122.	477177-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Tolfenpyrad 15%EC	Satisfactory
1123.	477379-F/9(4)2025	Greentex Agro Science	Tolfenpyrad 15%EC	Satisfactory
1124.	474976-F/9(4)2025	Indian Agri Science Pvt. Ltd.	Tolfenpyrad 15%EC	Satisfactory
1125.	477760-F/9(4)2025	REPELLANT ORGANICS PRIVATE LIMITED	Tolfenpyrad 15%EC	Satisfactory
1126.	478162-F/9(4)2025	KBM CROPS SCIENCE PRIVATE LIMITED	Tolfenpyrad 15%EC	Satisfactory
1127.	472963-F/9(4)2025	SIMEX CROP PROTECTION (INDIA) LLP	Tolfenpyrad 15%EC	Satisfactory
1128.	468859-F/9(4)2025	Sourabh Agro Industries	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1129.	465522-F/9(4)2025	Gujarat Pesticides.	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1130.	477101-F/9(4)2025	Crystal Crop Protection Ltd	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1131.	476121-F/9(4)2025	CRIAG TECHNOLOGIES PRIVATE LIMITED	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1132.	477287-F/9(4)2025	HemaniIndustries Ltd.,	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1133.	475218-F/9(4)2025	Fieldlife Chemicals	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1134.	477029-F/9(4)2025	SKYN CROP CARE PRIVATE LIMITED	Topramezone 10 g/l + Atrazine 300 g/l SC	Satisfactory
1135.	472330-F/9(4)2025	SIGNOMI AGROCHEMICALS PRIVATE LIMITED	Topramezone 336 g/l (w/v) SC	Satisfactory
1136.	476613-F/9(4)2025	Sumitomo Chemical India Ltd	Topramezone 336 g/l (w/v) SC	Satisfactory
1137.	476768-F/9(4)2025	Noble Agri Science	Topramezone 336 g/l (w/v) SC	Satisfactory
1138.	476749-F/9(4)2025	Leeds Life Sciences Private Limited	Topramezone 336 g/l (w/v) SC	Satisfactory
1139.	476804-F/9(4)2025	AG Industries	Topramezone 336 g/l (w/v) SC	Satisfactory
1140.	476705-F/9(4)2025	Crystal Crop Protection Ltd	Topramezone 336 g/l (w/v) SC	Satisfactory
1141.	477122-F/9(4)2025	Special Biochem Pvt. Ltd	Topramezone 336 g/l (w/v) SC	Satisfactory

1142.	477385-F/9(4)2025	Greentex Agro Science	Topramezone 336 g/l (w/v) SC	Satisfactory
1143.	477461-F/9(4)2025	Tasaki Agro India Private Limited	Topramezone 336 g/l (w/v) SC	Satisfactory
1144.	477628-F/9(4)2025	ASTHA CHEMICALS	Topramezone 336 g/l (w/v) SC	Satisfactory
1145.	477716-F/9(4)2025	SAFAL AGRO CHEMICALS	Topramezone 336 g/l (w/v) SC	Satisfactory
1146.	475217-F/9(4)2025	Fieldlife Chemicals	Topramezone 336 g/l (w/v) SC	Satisfactory
1147.	477291-F/9(4)2025	TRUUCHEM TECHNOLOGIES PRIVATE LIMITED	Topramezone 336 g/l (w/v) SC	Satisfactory
1148.	478354-F/9(4)2025	SANWI CHEMICALS PRIVATE LIMITED	Topramezone 336 g/l (w/v) SC	Satisfactory
1149.	476965-F/9(4)2025	FARMERS AGRO SOLUTIONS	Triacontanol EW 0.1% MIN.	Satisfactory
1150.	477180-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Triacontanol GR 0.05% Min.	Satisfactory
1151.	475965-F/9(4)2025	Efficient Crop Control	Triacontanol GR 0.05% Min.	Satisfactory
1152.	477786-F/9(4)2025	Chemisumi Fertilizer & Chemical Private Limited	Triacontanol GR 0.05% Min.	Satisfactory
1153.	473971-F/9(4)2025	Aqarais Agri Care	Triacontanol GR 0.05% Min.	Satisfactory
1154.	471652-F/9(4)2025	NEOSAFE BIOSCIENCE PRIVATE LIMITED	Triacontanol GR 0.05% Min.	Satisfactory
1155.	477700-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	TRICYCLAZOLE 18.0% + TEBUCONAZOLE 14.4% SC	Satisfactory
1156.	476938-F/9(4)2025	Chemstack private Limired	TRICYCLAZOLE 20.4% w/w + AZOXYSTROBIN 6.8% w/w SC	Satisfactory
1157.	477702-F/9(4)2025	PIXELIN SCIENCES PRIVATE LIMITED	Tricyclazole 45% + Hexaconazole 10% WG for indigenous manufacture	Satisfactory
1158.	471795-F/9(4)2025	KILPLAY PESTICIDES	Tricyclazole 75% W.P.	Satisfactory
1159.	478248-F/9(4)2025	ROVANDO CROP INNOVATIONS PRIVATE LIMITED	Tricyclazole 75% W.P.	Satisfactory
1160.	476511-F/9(4)2025	Dharmaj Crop Guard Limited	Trifloxystrobin 25% + Hexaconazole 25% WG	Satisfactory
1161.	477018-F/9(4)2025	HCM Agro Products Private Limited	Trifloxystrobin 25% + Hexaconazole 25% WG	Satisfactory
1162.	477714-F/9(4)2025	Amigo Crop Science Private limited	Trifloxystrobin 25% + Hexaconazole 25% WG	Satisfactory
1163.	476490-F/9(4)2025	PEPTECH BIOSCIENCES LIMITED	TRIFLUMEZOPYRIM 10% w/w SC	Satisfactory
1164.	476627-F/9(4)2025	Crop Chemicals India Ltd	TRIFLUMEZOPYRIM 10% w/w SC	Satisfactory
1165.	477412-F/9(4)2025	Nova Farmaid (India)	TRIFLUMEZOPYRIM 10% w/w SC	Satisfactory
1166.	453808-F/9(4)2024	Fieldlife Chemicals	TRIFLUMEZOPYRIM 10% w/w SC	Satisfactory
1167.	478334-F/9(4)2025	SYNERGY AGRO CHEMICALS HYDERBAD PRIVATE LIMITED	TRIFLUMEZOPYRIM 10% w/w SC	Satisfactory
1168.	477017-F/9(4)2025	HCM Agro Products Private Limited	Validamycin 5% + Tebuconazole 15% SC	Satisfactory
1169.	475966-F/9(4)2025	Efficient Crop Control	Zinc phosphide 2% RB	Satisfactory
1170.	475968-F/9(4)2025	Efficient Crop Control	Zinc Phosphide 80% W/W	Satisfactory
1171.	477955-F/9(4)2025	NOVOCHICO CHEMICAL INDIA PVT LTD	Ziram 27% SC	Satisfactory

1172.	477492-F/9(4)2025	Godrej Agrovet Limited	Ziram-80% WP	Satisfactory

Annexure 9.83.1

Application of 9(4) Endorsements

Sr. No	File no.	Applicant Name	Product Name	Old crop	Crops to be added	RC Reference	MRL fixed	Remarks
1.	**EN-169816**	**Best Agrolife Limited**	**Chlorpyriphos 50% + Cypermethrin 5% EC**	**Cotton, Rice**	**Onion**	**408(9.74),413**	**Fixed**	
2.	**EN-169819**	**Best Agrolife Limited**	**Chlorpyriphos 10% GR**	**Rice**	**Sugarcane(Termite)**	**416,208**	**Fixed**	
3.	**EN-42375**	**Seedlings India Pvt. Ltd.**	**Chlorpyriphos 10% GR**	**Rice**	**Sugarcane(Termite)**	**416,208**	**Fixed**	
4.	**EN-45007**	**Meghmani Organics Limited**	**Profenofos 40% + Cypermethrin 4% EC**	**cotton**	**Sugarcane (Early shoot borer)**	**448(9.33)**	**Fixed**	
5.	**EN-55024**	**Crystal Crop Protection Limited**	**Chlorantraniliprole 18.5% SC**	**Pigeon Pea,cotton, sugarcane, Tomato, Rice, Cabbage, Brinjal, Chilli, Soybean**	**Maize:** Spotted stem borer (*Chilo partellus*), Pink stem borer (*Sesamia inferens*), **Ground nut** Tobacco caterpillar (*Spodoptera litura*)**: Green Gram:** (*Helicoverpa armigera, Spodoptera litura and Maruca testulatis*	**356(8.2), 443(9.58)**	**Fixed**	
6.	**EN-51945**	**Crystal Crop Protection Limited**	**Chlorantraniliprole 18.5% SC**	**Pigeon Pea,cotton, sugarcane, Tomato, Rice, Cabbage, Brinjal, Chilli, Soybean**	**Maize:** Fall army worm (*Spodoptera frugiperda*)	**450**	**Fixed**	
7.	**EN-53902**	**Seedlings India Pvt. Ltd.**	**Imidacloprid 48% FS**	**Potato, Cotton, Wheat, Rice, Okra, maize, Sunflower, Soybean**	**Bengal gram crop:**Termite **Green Pea:**Aphids, Jassids	**449**	**Fixed**	
8.	**EN-52397**	**Insecticide (India) Ltd.**	**Triflumezopyrim 10 %SC**	**Paddy**	**Rice: Brown Plant Hopper & White Blacked plant Hopper (through drone application)**	**453(9.69)**	**Fixed**	
9.	EN-52802	Seedlings India pvt. Ltd.	Chlorantraniliprole 9.3% + Lambda cyhalothrin 4.6 % ZC	Pigeon pea, cotton, rice, brinjal	**Cotton:** Bollworms complex **Rice:** Stem borer, Leaf folder & Green leaf hopper	438(1.1), 460	MRL fixed	

				okra , soybean	**Soybean:** Leaf Worm, Girdle Beetle, Semi looper, Stem Fly **Pomegranate:** Thrips, Fruit borer			
10.	EN-53194	Seedlings India pvt. Ltd.	Fipronil 0.6 % GR	cotton	**Wheat**: Pink stem borer (Sesamia inferns) and army worm (Mythimna separata) on wheat.	458(9.116)	MRl fixed	
11.	EN-53193	Seedlings India pvt. Ltd.	Fenpropathrin 10% EC	Cotton	**Rice:** Yellow stem Borer & leaf Folder **Cotton:** through drone	385, 454	MRL Fixed	
12.	EN-52803	Seedlings India pvt. Ltd.	Chlorantraniliprole 0.4% w/w GR	Sugarcane, Rice	**Maize:** fall army worm (Spodoptera frugiperda) and stem borer (Chilo partellus)	458(9.119)	MRl fixed	
13.	EN-53948	Meghmani Organics Ltd.	Chloraniliprole 9.3 + Lambda cyhalothrin 4.6 % ZC	Brinjal, Chilli, Cotton, okra, Pigeon pea, Rice, Soybean	**Bengal gram:** pod borer **Tomato:** helicoverpa & leaf Minor **Cabbage**:Leaf feeder, Diamond back moth **Pomegranate:**Fruit borer & Thrips	434,436, 460	MRL Fixed	
14.	EN-54433	Seedlings India Pvt. Ltd.	Spiromesifen 22.9%SC	Apple, Brinjal, Chilli, Cucumber, Okra, Tea, Tomato	**Jatropha:** **Chilli:** Chilli Yellow Mite through drone application **Tea:** Red spider mite Drone application	366,459, 461	MRL fixed	
15.	EN-48986	Indogulf Crop sciences ltd.	Pyriproxyfen 10% EC	Cotton, Chilli	**Cotton :** through drone	450	MRL fixed	
16.	EN-56306	Saraswati Agro chemicals(India) Pvt. Ltd.	Fipronil 0.6% GR	Paddy	Wheat: pink stem borer (Sesamia inferns) and army worm (Mythimna separata)	458	MRL fixed	
17.	EN-49833	Seedling India Pvt. Ltd.	Pyriproxyfen 10%EC	Cotton ,Brinjal Okra ,Chilli	Cotton crop by drone application	450(9.81)	MRL Fixed	
18.	EN-54346	Kaeros Research Limited	Chlorantraniliprole 18.5% SC	Benga gram, Bittergourd, Balck gram, cabbage, Vhilli,	Green Gram: Pod borers (Helicoverpa armigera, Spodoptera litura and Maruca testulalis)	443	MRL fixed	

				brinjal, Cotton, groundnut, Maize, Okra, Pigeon pea, Sybean, Sugarcane ,tomato				
19.	EN-55692	GSP Crop science Limited	Chlorantranilipro le 9.3 %+ Lambda cyhalothrin 4.6% ZC	Brinjal, chilli, cotton, okra, pigeon pea, Rice, soybean	**Ground nut**: Leaf miner, Leaf feeder, Thrips Black gram:Pod borers Bengal Gram:Pod borers Tomato: Helicoverpa and Leaf Miner Cabbage: Leaf Diamond feeder (Spodoptera litura), back moth (Plutelta xytostella) Maize: Fall Army Worm and Stem borer Pomegranate: Fruit borer and thrips	440,434,436,437,460	MRL fixed	
20.	EN-56448	BR agrotech Ltd.	Thiamethoxam 25% WG	Paddy	**Soil drench in Grape**	430	MRL fixed	
21.	EN-56435	BR agrotech Ltd.	Imidacloprid 48% FS	Cotton, okra, sunflower, sorghum, pearl millet	**Bengal Gram:**Termite **Green Gram:**Aphid , Jassids , whitefly	449,453	MRL Fixed	
22.	EN-56447	BR agrotech Ltd.	Thiamethoxam 25% WG	Paddy	**Soil drench in Rice**	366	MRL fixed	
23.	EN56437-	BR agrotech Ltd.	Imidacloprid 48% FS	Cotton, okra, sunflower, sorghum, pearl millet	**Chilli:** aphids, Jassids , Thrips **Groundnut:** Termite	453	MRL fixed	
24.	EN-56216	Endogulf Crop sciences Ltd.	Diafenthiuron 40.1% + Acetamiprid 3.9% WP	Cotton,chilli	**Cotton:** Thrips, Mites and Whitefly	461(9.56)	MRL fixed	

					Chilli: Thrips, Mites and Whitefly			
25.	EN-56213	Endogulf Crop sciences Ltd.	Flupyrimin 10% SC	paddy	**Paddy through drone**	443(9.55)	MRL fixed	
26.	EN-55838	Jaycee Life sciences	Tolfenpyrad 15% EC	Cabbage, Chilli,Cotton,Cumin, Mango,Okra, Onion	**Pomegranate:Thrips**	423	MRL Fixed	
27.	EN-56214	Endogulf Crop sciences Ltd	Spiromesifen 22.9%SC	Cotton,tea, tomato, brinjal okra ,chilli, apple	**Tea crop through drone**	461(9.58)	MRL Fixed	
28	EN-56214	Endogulf Crop sciences Ltd	Chlorantraniliprole 18.5%SC	Pigeon pea,cotton, sugarcane, tomato,rice, cabbage, brinjal,chilli, soybean	**Green Gram:** pod borers Helicoverpa armigera, Spodoptera litura and Maruca testulalis. Through Drone: **Rice ,Soybean,** **Tomato, Red gram, Chilli, chick pea**	443,461	MRL Fixed	
29.	EN-56243	Endogulf Crop sciences Ltd	Propargite 57% EC	Tea, Brinjal, Chilli, Apple	**Chilli crop through drone**	454	MRL Fixed	

30.	EN-55694	GSP crop Science Limited	Lambda cyhalothrin 5%EC	Cooto, Rice, Brinjal, tomato	**Chilli;**Thrip, mite, Pod borer **Pigeon Pea**:Pod borer, Pod fly **Onion:**Thrips **Okra**:Jassids,Shoot borer **Chick pea**: Pod Borer **Groundnut:** Thrips, Leaf Hopper, leaf Minor **Mango**:Hoppers	449(9.40)	MRL fixed	
31.	EN-55699	GSP crop Science Limited	Tolfenpyrad 15% EC	Mango, cotton, Cumin, Cabbage, Onion, Okra, Chilli	**Pomegranate:**Thrips	423(9.6)	MRL fixed	
32.	EN-55698	GSP Crop sciences Ltd.	Fipronil 0.3%GR	Rice , Sugarcane	**Wheat:Termites**	357(8.9)	MRL fixed	

33.	EN-55697	GSP Crop sciences Ltd	Fenpyroximate 5% EC	Tea,Chilli	**Coconut:** (a) Root feeding method - Eriophyid mite (b) spraying over develoPing nuts or young buttons **Cotton:** Jassid & Mites	267(6.2), 393(8.11)	MRL Fixed	
34.	EN-55696	GSP Crop sciences Ltd	Chlorantraniliprole 0.4% w/wGR	Rice, Sugarcane	**Maize:** Fall army worm (Spodoptera frugiperdo) and Stem borer (Chilo partellus)	458(9.9119)	MRL fixed	
35.	EN-55701	GSP Crop sciences Ltd	Diafenthiuron 50% WP	Cabbage, Cotton	**Watermelon:**Whiteflies, Red spider mites **Okra**: Whiteflies, Jassids & Red spider mites **Tomato**: Whiteflies & Red spider mites	372(8.1)	MRL fixed	

36.	EN-55688	NACL Industries Limited	Spinosad 45% SC	cotton	**Chilli:Thrips & Fruit Borer** **Red gram: Pod borer** **Brinjal: Fruit & shoot borer** **Grapes: Thrips**	449	MRL Fixed	
37.	EN-55693	GSP Crop sciences Ltd	Thiamethoxam 25% WG	Rice, cotton	**Wheat**: Aphids Mustard: Aphids **Tomato** - Soil drench White flies **Cumin**: Aphids **Rice** - Nursery (Soil Drenching) Green leaf hopper, Thrips, Whorl Maggot **Grapes** –(Soil drench) Mealy bug, Thrips, Flea beetle Grapes –(Foliar application) Mealy bug, Thrips, Flea beetle	269,327,366,430,431	MRL fixed	

38	EN-52945	Krishi Rasayan ExportsPvt. Ltd.	Novaluron 5.25 % + Emamectin Benzoate 0.9% SC	Red gram,Rice, cabbage, Chilli	**Brinjal:** Shoot and Fruit Borer **Chickpea:Pod borer** **Maize:** Fall Army Worm and Stem borer	434,437	MRL fixed	
39.	EN-56025	Crystal crop Protection Ltd.	Thiamethoxam 25%WG	Rice, Cotton	**Grapes as Soil Drench:** Mealy bug, Thrips, Flea beetle	430	MRL fixed	
40.	EN-56184	Indogulf Crop Sciences Ltd.	Pyrifroxyfen 10 %EC	Cotton, chilli	**Cotton through drone**	450	MRL fixed	

41.	EN-56128	NACL Industries Ltd.	Chlorantraniliprole 9.3% +lambda cyhalothrin 4.6% ZC	Brinjal Chilli Cotton Okra Pigeon Pea Paddy Soybean	**Cabbage:** Spodopetra & DBH **Ground Nut:** Leaf minor & leaf Thrips **Maize:** Stem borer & Fallworm	436,437,440	MRL fixed	
42.	EN-55831	Jaycee Life sciences	Fipronil 40% + Imidacloprid 40% WG	sugarcane	**Groundnut:** White Grubs (*Holotrichia serrata*) **Cotton:** Jassids and Thrips **Chilli:** Thrips (*Scirtothrips dorsalis*), Fruit Borer (*Helicoverpa armigera* **Rice:** Yellow Stem Borer (*Scirpophaga incertulas*), Leaf Folder (*Cnaphalocrocis medinalis*), Brown Plant Hopper (*Nilparvata lugens*)	411,437,436	MRL Fixed	

43.	EN-55833	Jaycee Life sciences	Lambda cyhalothrin 4.9% CS	Rice, brinjal,,okra, Tomato, Grapes,Chilli, Soybean	**Rice:** Stem borer, Leaf folder **Brinjal:** Shoot & fruit borer **Okra:** Fruit borer **Tomato:** Fruit borer **Grapes:** Thrips & Flea beetle **Chilli:** Thrips, Pod borer **Soybean:** Stem fly, Semilooper **Pomegranate:** Thrips & fruit borer	277,304,321,329, 356, 372	MRL fixed	
44.	EN-55836	Jaycee Life sciences	Pyriproxyfen 5% +Diafenthiuron 25% SE	cotton	**Chilli:** Whitefly (*Bemisia tabaci*), Thrips (*Thrips tabaci*) and Mites (*Polyphagotarsonemus latus*)	437	MRL fixed	

45.	EN-55837	Jaycee Life sciences	Pyriproxyfen 10% +Bifenthrin 10% EC	cotton	**Soybean:** Whitefly **Chilli:** Yellow mites, Thrips, whitefly, fruit borer **Brinjal:** Whitefly, Shoot & Fruit Borer	447	MRL fixed	
46.	EN-55829	Jaycee Life sciences	Fipronil 0.6%GR	paddy	**Sugar cane:** Early shoot borer, Termite **Wheat:** Pink Stem borer, Armyworm	436,434	MRL fixed	
47.	EN-55827	Jaycee Life sciences	Emamectin benzoate 3.0% +Thiamethoxam 12.0%	Tea	**Green Gram:** Pod borer (*Helicoverpa armigera*) and Leaf hopper (*Empoasca kerri*) **Chilli:** Fruit borer (*Helicoverpa armigera*) and Thrips (*Scirtothrips dorsalis*)	455	MRL fixed	

48.	EN-55890	Jaycee Life sciences	Chlorantranilipro le 9.3% + lambda cyhalothrin 4.6% ZC	Brinjal ,Chilli,cot ton,okra, Pigeon pea, Rice, Soybean	**Ground nut:** Leaf miner, Leaf feeder, Thrips **Black Gram:** Pod Borers (*Spodoptera litura, Maruca vitrata, Helicoverpa armigera*) **Cabbage:** Spodoptera, Diamond Back Moth	440,436	MRL fixed	
49	EN-49128	Bharat Certis Agriscien ces Ltd.	Cypermethrin 10% +Indoxacarb 10%	cotton	**Tomato:** Fruit borer (Helicoverpa Armigera) **Maize:** Fall Army worm (Spodopetra frugiperda)	456	MRL fixed	
50.	EN-49154	Mahama ya Life Sciences Pvt. Ltd.	Spirotetramat 15.31% OD	Chilli	**Grapes** :Mealy Bug and mites **Okra:** aphids, whitefly and mites Cotton: aphids, whitefly and thrips Tea: thrips and mites Citrus: psylla (Diaphorina citri), and mite (Oligonychus citri) Cabbage: Diamond back moth (Plutella xylostella) i	414(9.27) ,425(9.32),425(9.3 2),443(9. 51),447(9 .15),451(9.73(,452	MRL Fixed	

					Brinjal: aphid, whiteflies and mites			
51.	EN-49591	Seedlings India private Limited	Acephate 45% + Cypermethrin 5% DF	Cotton	**Maize**: stem borer (Chilo partellus) and fall armyworm (Spodoptera frugiperda) on maize	455	MRL fixed	
52.	EN-49802	Insecticide India Limited	Emamectin Benzoate 5% SG	Cotton, Okra	Cotton& Chilli through drone application	455	MRL fixed	

53	EN-49785	Insecticide India Limited	Acetamiprid 20% SP	cotton	Cotton crop through Drone	454	MRL fixed	
54.	EN-51466	Nacto Pharma Limited	Chlorantraniliprole 9.3% + lamdacyhalothrin 4.6%ZC	Black Gram, Brinjal, Cabbage, Chilli, Cotton, Groundnut, okra, Pigeon Pea, Rice, Soybean	Pomegranate:Fruit borer & thrips	460(9.75)	MRL Fixed	
55.	EN-55491	Krishi Rasayan Exports Pvt. Ltd.	Novaluron 5.25% +Indoxacarb 4.5 % SC	Tomato	**Chick Pea:** Gram pod borer (*Helicoverpa armigera*) **Soybean:** *Spodoptera* spp., *Helicoverpa armigera* and *Semilooper* **Black Gram**:Black gram pod borer complex (*Etiella zinckenella*, *Spodoptera litura* and *Maruca vitrata*	451,456		

					Ground nut: *Helicoverpa armigera & Spodoptera litura* **Chilli***:* Fruit borer complex (*Helicoverpa armigera, Spodoptera litura)* **Rice**: Rice leaf folder (*Cnaphalocrosis medinalis*)			
56.	EN-56022	Heranba Industries ltd.	Iidacloprid 21% + Beta-cyfluthrin 10.5% SC	American mn Cockroaches & German Cockroaches	Adult Mosquitoes (Aedes sp., Anopheles sp. and Culex sp.)	461 & MUP		
57.	EN-50023	Insecticides india Limited	Acephate 45% + Cypermethrin 5% DF	cotton	Maize:Stem borer (Chilo partellus) and fall armyworm (Spodoptera frugiperda)	455(9.63)	MRL fixed	

58.	EN-50390	SML limited	Profenofos 50% EC	cotton	**Chilli:** Fruit borer (Helicoverpa armiger), tobacco caterpillar (Spodoptera litura), thrips (Thrips tabaci) and aphids (Aphis gossypii)	458	MRL fixed	
59.	EN-50392	Sumil Chemicals Industries Pvt. Ltd.	Profenofos 50% EC	cotton	**Chilli:** Fruit borer, tobacco caterpillar, thrips and aphids	458	MRL fixed	
60.	EN-50426	Bayers Crop Science Limited	Fipronil 0.6w/w GR	Rice	**Wheat**: pink stem borer (Sesamia inferens) and armyworm (Mythimna seperata)	458	MRL fixed	

61	EN-50901	Krishi Rasayan Exports Pvt. Ltd.	Fipronil 0.6w/w GR	Rice	**Wheat**: pink stem borer (Sesamia inferens) and armyworm (Mythimna seperata) **Sugarcane**: Termite	458	MRL Fixed	
62.	EN-51098	Bharat certis Agri Science limited	Thiamethoxam 30% FS	Cotton, Sorgum, Okra, Maize, Wheat, Rice, Sunflower, Chilli, Soybean	**Cotton:** Aphids Jassids White fly and Thrips **Maize** :Aphids & shoot fly **Soya bean:** Stem fly Girdle beetle Whitefly, Jassids **Groundnut**: Aphids and Thrips, Jassids	458(6.77) & MUP	MRL fixed	
63.	EN-51932	Crystal Inspiring Growth	Emamectin Benzoate 5%SG	cotton, okra, cabbage, chilli, brinjal, pigeon pea, chickpea, tea and grapes	Chilli & cotton through drone	455	MRL fixed	

64	EN-51678	2022 ES Discovery India Pvt. Ltd.	Clothianidin 50% WG	Cotton ,Rice	Cockroches, Houseflies,Bed bug	392 (8.6)	MRL Fixed	
65.	EN-53250	Indogulf Crop Sciences Ltd.	Pyriproxyfen 10% EC	Cotton,chilli	**Brinjal**:Whitefly & Jassids **Okra**: Whitefly & Jassids	MUP	MRL fixed	

Annexure - 9.84.1

Applications for the Deletion of Crops

Sr. no.	Application No.	Molecule	Crops to be deleted	Company name	Certificate no.
1.	EN-47392	Malathion	Sorghum, Pea, Soyabean, Castor, Sunflower, Bhindi, Brinjal, Cauliflower, Radish, Turnip, Tomato, Apple Mango, Grapes	HIL(India) Ltd.	CIR-809/82/Malathion(EC)-949
2.	EN-47391	Chloropyriphos	Ber,Citrus and Tobacco	HIL(India) Ltd.	CIR-9317/89-Chloropyriphos(EC)-231
3.	EN-48828	Monocrotophos 36% SL	---	Jai Farm Chemicals Pvt. Ltd.	As per Gz notification this chemical is discontinued.
4.	EN-169870	Monocrotophos 36% SL	---	Best Agrolife Limited	As per Gz notification this chemical is discontinued.
5.	EN-47356	Malathion	Sorghum, Pea, Soyabean, Castor, Sunflower, Bhindi, Brinjal, Cauliflower, Radish, Turnip, Tomato, Apple Mango, Grapes	Scientific Fertilizer Company Ltd.,	CIR-160/80/Malathion (EC) 906
6.	EN-47342	Malathion	Sorghum, Pea, Soyabean, Castor, Sunflower, Bhindi, Brinjal, Cauliflower, Radish, Turnip, Tomato, Apple Mango, Grapes	Scientific Fertilizer Company Ltd.,	CIR-159/80/Malathion (EC) 907
7.	EN-47356	Malathion	Sorghum, Pea, Soyabean, Castor, Sunflower, Bhindi, Brinjal, Cauliflower, Radish, Turnip, Tomato, Apple Mango, Grapes	Scientific Fertilizer Company Ltd.,	CIR-160/80/Malathion (EC) 906

Annexure-9.87.1

9(4) endorsement case

S. No.	C.S.N.	Company Name	Product Name	Already Approved Crops	Claim for Endorsement	MRL status	Remarks
1.	EN-53275	M/s Indogulf Cropsciences Ltd.	2, 4 D Amine Salt 58 % SL	Wheat, Maize, Sorghum, sugarcane.	Potato	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angel (ref. MUP)
2.	EN-44810	M/s Seedling India Pvt.Ltd.	Propaquizop 10% EC.	ın, Black gram, Onion,	Jute, Cotton, Groundnut, Tomato, Cluster bean, Chickpea, Chilli, Sesamum	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angel (References: 393 RC; Agenda item No.8.13 & RC 399 Agenda item no. 8.1
3.	EN-51956	M/s Kashmir Chemical	Propaquizop 10% EC.	Soybean, Black gram, Onion,	Jute, Cotton, Groundnut, Tomato, Cluster bean, Chickpea, Chilli, Sesamum	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angel (References: 393 RC; Agenda item No.8.13 & RC 399 Agenda item no. 8.1
4.	EN-52641	M/s Krishi Rasayan Exports Pvt. Ltd.	Propaquizop 10% EC.	Soybean, Black gram, Onion	Jute, Cotton, Groundnut, Tomato, Cluster bean, Chickpea, Chilli, Sesamum	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angel (References: 393 RC; Agenda item No.8.13 & RC 399 Agenda
5.	EN-52741	M/s Indogulf Cropsciences Ltd	Metsulfuron methyl 20% WP.	Wheat, Transplanted rice	Sugarcane	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angle (References:

							431 RC; Agenda item No. 9.22.
6.	EN-53807	M/s KR Lifesciences Pvt. Ltd.,	Tembotrione 34.4% SC	Maize	Sugarcane	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angle (References: 463 RC; Agenda item No. 9.27.
7.	EN-53881	M/s Meghmani Industries Limited	Tembotrione 34.4% SC	Maize	Sugarcane	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angle (References: 463 RC; Agenda item No. 9.27.
8.	EN-54089	M/s BR Agrotech Ltd	Tembotrione 34.4% SC	Maize	Sugarcane	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angle (References: 463 RC; Agenda item No. 9.27.
9.	EN-54272	M/s JU Agri Sciences Pvt. Ltd.	Tembotrione 34.4% SC	Maize	Sugarcane	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angle (References: 463 RC; Agenda item No. 9.27.
10.	EN-54762	M/s Cropnosys (India) Private Limited	Propaquizafop 10% EC	Soybean, Black gram, Onion Cotton, Jute, Groundnut	Tomato, Cluster bean, Chickpea, Chilli, Sesamum	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angel (References: 399 RC;item No.8.1
11.	EN-54459	M/s Seedlings India Pvt. Ltd	Tembotrione 34.4% SC	Maize	Sugarcane	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angle (References: 463 RC; Agenda item No. 9.27
12.	EN-55033	M/s Kaeros Research Limited,	Tembotrione 34.4% SC	Maize	Sugarcane	MRL: Fixed	Case is completed from Bio-

						MUP: Present	efficacy angle (References: 463 RC; Agenda item No. 9.27
13.	EN-55338	M/s Indogulf Cropsciences Ltd.	Propaquizafop 10% EC	Black gram, Onion, Soybean. Crops	Tomato, Chick pea, Chilli, Sesamum, Cluster bean crops.	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angle (References: 399 RC; Agenda item No. 8.1.
14	EN-179232	M/s Parijat Industries (INDIA) Pvt Ltd.	Metsulfuron Methyl 20% WG	Wheat, Transplanted Rice	Sugarcane	MRL: Fixed MUP: Present	Case is complete from Bio-efficacy angle (References : 431th RC vide agenda item No 9.22 .)
15	EN-55453	M/s.Safex Chemical (India) Ltd.	Fenoxaprop-p-ethyl 9.3% EC	Black gram, Cotton, Rice (Transplanted) Soybean	Jute, , Groundnut, Onion	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angel (References: 422RC; Agenda item No.9.2 & RC 359 Agenda item no 8.5 & RC 344 Agenda item No. 9.2)
16	EN-53768	M/s Insecticides (INDIA) Limited	Tembotrione 34.4% SC	Maize	Sugar cane	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angel (References: 463RC; Agenda item No.9.27)
17	EN-55581	M/s Anu Product Ltd.	Metsulfuron methyl 20% WP.	Wheat	Rice (Transplanted) and Sugar cane	MRL: Fixed MUP: Present	Case is completed from Bio-efficacy angel (References: 463RC;

							Agenda item No.9.27)
18	EN-55828	M/s Jaycee Science	Fenoxaprop-P-Ethyl 9.3% EC	Black gram, Cotton, Rice (Transplanted) Soybean	Jute, Onion , and Ground Nut crops.	MRL: Fixed MUP: Present	Case is complete from Bio-efficacy angle (References : 422nd RC vide agenda item No 9. 2)
19	EN-53274	M/s IndoGulf cropsciences Ltd.	2,4 D Sodium Salt 80% WP	Grapes, Maize, Citrus, Wheat, Aquatic weed, Non crop land,	Sugarcane	MRL: Fixed MUP: Present	Case is complete from Bio-efficacy angle (References :MUP)
20	EN-55918	M/s .Safex Chemical (India) Ltd.	Halosulfuron Methyl 75% WG	Sugarcane	Maize, and Bottle Gourd	MRL: Fixed MUP: Present	Case is complete from Bio-efficacy angle (References : 365 RC vide agenda item No 8.20)
21	EN-56020	M/s Crystal crop	Metribuzin 70% WP	Soybean, Sugarcane, Potato, Tomato	Wheat and Tomato	MRL: Fixed MUP: Present	Case is complete from Bio-efficacy angle (References : 456 RC vide agenda item No 9.94 and annexure 9.94.1)
22	En-56021	M/s Crystal crop Protection Limited	Metsulfuron Methyl 20% WP	Wheat	Rice and Sugar cane	MRL: Fixed MUP: Present	Case is complete from Bio-efficacy angle (References : 427 RC vide agenda item No 9.52 and annexure 9.52.1)

23	EN-56183	M/s Indogulf crop sciences	Pinoxaden 5.1% EC	Wheat	On Wheat Crop through Drone	MRL: Fixed MUP: Present	Case is complete from Bio-efficacy angle (References : 444 RC vide agenda item No 9.13)
24	EN-56212	M/s Indogulf crop sciences	Pyroxasulfone 85% WG	Maize, Soybean, and Wheat	On Wheat Crop through Drone	MRL: Fixed MUP: Present	Case is complete from Bio-efficacy angle (References : 461 RC vide agenda item No 9.44)
25	EN-56481	M/s Poorva Chemtech Pvt. Ltd.	Gibberellic Acid 0.001% L	Grapes, Cotton, Banana, Sugar cane (Planted crop), Paddy, Cabbage/Cauliflower, Onion, Brinjal / Bhindi , Groundnut, Muberry	Tea, Potato and Tomato	MRL: Fixed MUP: Present	Case is complete from Bio-efficacy angle (References : 456 RC vide agenda item No 9.94.1)
26	EN-55931	M/s Jaycee lifer science	Halosulfuron Methyl 75% WG	Sugarcane	Maize, and Bottle gourd	MRL: Fixed MUP: Present	Case is complete from Bio-efficacy angle (References : 365 RC vide agenda item No 8.20)
27	EN-49116	M/s Biostadt India Limited.	Forchlorfenuron 0.12% EC	grapes	Pigeon Pea (Tur)	MRL: Fixed MUP: Present	Case is complete from Bio-efficacy angle (References : 405 RC vide agenda item No 9.24)

Annexure-9.119.1

Packaging endorsement of alternate/additional packaging u/s 9(4)

S. N.	File No/ Name of Company	Name of Product/ Certificate No.	Endorsement Required	RC reference
1.	EN-55866 M/s Saraswati Agro Chemicals (India) Private Limited	Pyrithiobac- Sodium 10 % EC CIR-350801/2025-Pyrithiobac- Sodium (EC) (463)-295	Endorsement for grant of additional/ bulk size packaging endorsement in 200 Liter HDPE Drum for packing of the product Pyrithiobac- Sodium 10% EC.	The requested packing has already been approved by RC in its 392nd meeting vide Agenda item no 6.1 in favour of M/s Godrej Agrovet Ltd.
2.	EN-53156 M/s Agro Life Science Corporation	Buprofezin 25% SC CIR-102615/2012-Buprofezin (SC)(332)-1	Endorsement for additional packing in HDPE drums of capacity 200 liter.	The requested packing has already been approved by RC in its 449th meeting vide Agenda item no 9.47 (Annexure 9.47.1) in favor of M/s KrishiRasayan Exports Pvt. Ltd.
3.	EN-53866 M/s UPL Limited	Imidacloprid Technical 97% w/w min. CIR-335585/2023-Imidacloprid (Technical) (448)-4	Endorsement of following additional packing :- The product shall be imported in plastic liner (PE) of capacity 25 Kg as a primary packing and plastic woven sack of same capacity as a transport packaging. This shall be as per IMDG UN. No 3077, hazard class 9 and Packaging Group III. Primary Packaging:- Plastic liner (PE) of 0.05 mm thickness and 25 Kg capacity shall be the primary packing It shall conform to Chinese standard GB/T 4456-2008. It shall be further put up in composite plastic woven sack of 25 kg capacity as transport packaging. Transport packaging:- Composite plastic woven sack shall be the transport packing us per Chinese Standard (GB/T 8947-1998).	The requested packing has already been approved by RC in its 409th meeting vide Agenda item no 2.3 in favor of M/s Crystal Crop Protection Pvt. Ltd.
4.	EN-53150	Thiamethoxam 12.6% + Lambda -Cyhalothrin 9.5% ZC	Endorsement for additional packing in PET container of capacity 10ml, 40ml, 80ml, 100ml, 200ml, 500ml, and 1000ml as per IS:13123:2000	The requested packing has

	M/s Ulink AgriTech Pvt. Ltd.	CIR- 218092/2022- Thiamethaoxam + Lambda -Cyhalothrin (ZC) (442)-732	which shall be further packed in CFB box as a transport packing.	already been approved by RC in its 409th meeting vide Agenda item no 9.8 in favor of M/s Syngenta India Ltd.
5.	EN-54017 M/s Sandhya Organic Chemicals Pvt. Ltd.	Fenpropathrin 10% EC CIR-185533/2021- Fenpropathrin (EC)(428)-156	Endorsement of additional packaging in packing in PET bottle capacity of 50 ml, 100 ml, 250 ml, 500 ml, 1000 ml, and 5000 ml as per IS 13123: 2000 which shall be further packed in CFB box of capacity 10 liter as per IS 2771 (Pt-1) 1990 as transport packing.	The requested packing has already approved by RC in its 347th meeting vide Agenda item no. 8.4 in favor of M/s Sumitomo India Chemical Ltd,.
6.	EN-54235 M/s BHASKAR AGRO CHEMICALS LIMITED	Paraquat dichloride 24% SL CIR-5135/86/PARAQUAT DICHLORIDE/(SL)-24	Endorsement of additional bulk packing in HDPE drum of capacity 200 liters as a primary and transport packing conforming to IS: 6312: 1994. Container shall be closed with HDPE plug to make is leak proof and pilfer proof.	The requested packing has already been approved by RC in its 458th meeting vide Agenda item no 9.91 in favor of M/s Krishi Rasayan Exports Pvt. Ltd.
7.	EN-54979 M/s I P L BIOLOGICALS LIMITED	Bacillus subtilis 5% SP CIR-100127/2024- Bacillus subtilis 5% SP-(Bio-Pesticide) (457)	--	Applicant requested to withdraw the application, hence the application may be closed.
8.	EN-54978 M/s I P L BIOLOGICALS LIMITED	Pseudomonas fluorescens 5% SP CIR-100126/2024- Pseudomonas fluorescens 5% SP-(Bio-Pesticide) (457)	--	Applicant requested to withdraw the application, hence the application may be closed.
9.	EN-54977 M/s I P L BIOLOGICALS LIMITED	Trichoderma viride 5% SP CIR-100129/2024- Trichoderma viride 5% SP-(Bio-Pesticide) (458)	--	Applicant requested to withdraw the application, hence the application may be closed.
10.	EN-55168 M/s AYUSHI CROP	Emamectin Benzoate 5% SG CIR-113148/2014 – EMAMECTIN	Endorsement for additional/alternate packaging of 10gms, 50gms, 100gms, 250gms, 500gms, 1 kg and 5 kg capacity in HDPE container conforming to IS 9754- 1981 and 5-ply CFB boxes as per IS 2771: 1990	The requested packing has already been approved by RC in its 442nd RC vide agenda item no. 9.67 (Annexure 9.67.1) in favor of M/s

	SCIENCE PVT LTD.	BENZOATE (SG) (347)-57	(Part I) of capacity 5 Kg as transport packing	AGASTYA AGRO LIMITED
11.	EN-55193 M/s Meghmani Organics Limited, Ahmedabad	Dinotefuran 20% (w/w) SG CIR-267800/2023-DINOTEFURAN(SG)(444)-258	Endorsement of additional packing in LDPE liner having thickness not less than 0.125 mm of capacity 20 kg and 25 kg as a primary packing which shall be further packed in 5-ply CFB box as a transport packing conforming to IS:2771(I)1977.	The requested packing has already been approved by RC in its 457th meeting vide Agenda item no 9.56 in favor of M/s Krishi Rasayan Exports Pvt. Ltd.
12.	EN-55234 M/s Grace Bio Care Pvt Ltd.	Chlorantraniliprole 18.5% SC CIR-224448/2022-Chlorantraniliprole (SC) (442)-227	Endorsement for additional packing in HDPE bottles of capacity 300ml and 600ml. and; Endorsement for additional packing in HDPE drum of capacity 50 liter, 100 liter and 200 liters as a primary/transport packing. and; Endorsement of additional packing in HDPE container of capacity 80ml as per IS:9754:1981, which shall be further packed in duplex board mono carton (350GSM) as secondary packing and 5-ply CFB box as per IS:2771(I):1990 as a transport packing. and; Endorsement of additional transport packing of capacity 2.4 lit., 3.6 lit., and 4.8 lit. in 5-ply CFB box.	The requested packing has already been approved by RC in its 443rd and 447th meeting vide Agenda item no 9.17 (Annexure 9.17.1) and 9.72 respectively in favor of M/s Best Agrolife Limited and M/s Natco Pharma Ltd.
13.	EN-55236 M/s Aristo Bio-tech and life Science Limited	Difenoconazole 25% EC CIR-130633/2015-Difenoconazole (EC) (354)-91	Endorsement of alternate packing in PET and HDPE bottles of 50 ml, 100 ml, 250 ml, 500 ml, 1 liter& 5 liter capacity as a primary packing. The HDPE bottle shall conforms to IS:9754-1981 and IS:12512-1987. The PET bottle shall conforms to IS:13123-2000. The primary packing shall be further packed in CFB box as a transport packing conforming to IS:2771(I)-1990.	The requested packing has already been approved by RC in its 314th meeting vide Agenda item no 8.1.4 in favor of M/s Syngenta India Ltd., New Delhi.
14.	EN-55247 Rallis India Limited	BROMADIOLONE 0.005 % RB	Endorsement of new/ alternate packing in 25gm capacity in printed laminated of polyester (12µ)/ LDPE (38µ) sachets of Bromadiolone 0.005% RB, this shall be further packed in CFB boxes of capacity	The requested packing has already been approved by RC in its 240th meeting, vide agenda item no 8.1 in favor of M/s Reckitt

		CIR-27,423/97/BROMADIOLONE(RB)-26	5kg (25x100x2nos.) and 10kgs (25x100x4no.) as a transport packing conforming to the IS:2771(I):1990 and its subsequent amendment.	Benckiser (India) Limited,
15.	EN-55284 M/s MICON LABORATORIES (P) LTD,	Cymoxanil 8% + Mancozeb 64% WP CIR-272138/2023-Cymoxanil + Mancozeb (WP)(444)-358	Endorsement of additional packaging of Cymoxanil 8% + Mancozeb 64% WP in 1200 gm capacity in Trilaminated pouch which shall be further packed in duplex board mono carton of same capacityas per IS 6604-1997 as secondary packing. Secondary packing shall be further packed in CFB Boxes conforming to IS 2771(pt-1) 1990 as transport packing. The capacity of transport packing shall be 6 kg and 12 kg.	The requested packing has already been approved in RC in its 402nd meeting vide Agenda item no 8.36 (Annexure 8.36.1) in favor of M/s FIL INDUSTRIES LIMITED.
16.	EN-54914 M/s MAHAMAYA LIFESCIENCES LTD.	Bispyribac Sodium 10% W/V SC CIR-170952/2020-Bispyribac sodium (SC)(414)-95	Endorsement for additional primary packaging of Bispyribac Sodium 10% SC in HDPE container of capacity 50 ml and 100 ml, in lieu of 40 ml and 80 ml. The primary pack is further packed in 5 ply Corrugated Fiber Board Boxes (CFB) of maximum capacity of 10 liters, confirming to IS 2771 (Part 1)-1990.	The requested packing has already been approved in RC in its 353nd meeting in favor of M/s PI Industries Limited vide Agenda item No. 8.11.
17.	EN-55396 M/s TENSAI AGRISCIENCE PRIVATE LIMITED.	Azoxystrobin 11% + Tebuconazole 18.3% SC CIR-349425/2025-Azoxystrobin + Tebuconazole (SC)(461)-1291	Th product shall be packed in HDPE drum of capacity 200Litres. The drum shall be closed with HDPE plug to make it leak proof and pilfer proof. It confirms to IS 15749(2007). Gross wt of the drum shall be 224.2Kgs.	The requested packing has been approved by RC in its 457th meeting vide Agenda item no 9.44 In favor of Mis Krishi Rasayan Exports Pvt. Ltd.
18.	EN-55394 M/s TENSAI AGRISCIENCE PRIVATE LIMITED.	mmonium Salt of Glyphosate 71% SG CIR-349436/2025-Ammonium Salt of Glyphosate (SG)(461)-1557	Endorsement for alternate bulk packaging in 5kg, 10kg. 25kg, 50kg in LDPE sack, which shall be further packed in Fiber Board Drum. And Endorsement for alternate bulk packaging in 80kg capacity in LDPE liner (sack), which shall be further packed in HM HDPE drum. And	The requested packing has already been approved by RC in its 437th RC vide agenda item no 9.62 (Annexure 9.62.1) in favor of M/s Biostadt India Ltd.

			Endorsement for additional packing in a trilaminate pouch in capacity of 100 gm, which shall be further packed in CFB box of capacity 12 kg (120 pouch).	
19.	EN-55384 M/s TENSAI AGRISCIENCE PRIVATE LIMITED.	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC CIR-349426/2025-Chlorantraniliprole + Lambdacyhalothrin (ZC) (461)-765	Endorsement for additional transport packing of capacity 2.5 liters and 4 liters for Chiorantranil prole 9.3%+ Lambdacyhalothin 4.6% ZC and Endorsement of additional packing for the bulk pack of 200 L in HDPE lined MS drum for Chlorantraniliprole 9.3% Lambda cyhalothrin 4.6% ZC.	The requested packing has already been approved by by RC in its 378th meeting vide Agenda item no 8.36 in favor of M/s Syngenta India Ltd. and The requested packing has already been approved by RC in its 374th meeting vide Agenda item no 8.15 in favor of M/s Syngenta India Pvt. Ltd.
20.	EN-55385 M/s TENSAI AGRISCIENCE PRIVATE LIMITED.	Cymoxanil 8% + Mancozeb 64% WP CIR-348405/2025-Cymoxanil + Mancozeb (WP) (461)-592	Endorsement of additional packaging of Cymoxanil 8% + Mancozeb 64% WP in 100 gm, 300 gm, 600 gm and 1200 gm capacity in Tri laminated pouch which shall be further packed in duplex board mono carton of same capacity as per IS 6604-1997 as secondary packing. Secondary packing shall be further packed in CFB Boxes conforming to IS 2771(pt-1) 1990 as transport packing. The capacity for transport packing shall be 6 kg and 12 kg.	The requested packing has already been approved by RC in its 402nd meeting vide Agenda item no 8.36. (Annexure 8.36.1 - S.No 4) in favor of M/s FIL INDUSTRIES LIMITED.
21.	EN-55369 M/s Ichiban Crop Science Ltd	Cartap hydrochloride technical 98% w/w min CIR-134428/2016-Cartap Hydorchloride (Technical) (367)-12	Endorsement of HDPE woven bag with two inner liner of PE of capacity 25 kg.	The requested packing has already been approved by RC in its 360 meeting vide Agenda item no 8.17 In favor of M/s Crystal Crop Care Pvt. Ltd.
22.	EN-55349 M/s KR LIFESCIENCES PRIVATE LIMITED	Thiodicarb 75% WP CIR-112004/2014-Thiodicarb (WP) (344)-9.	Packaging endorsement of alternate packing in Tri-laminated pouches (12micron PET + 12 micron Met Pet +100 micron LDPE) of capacity 100 gm, 200 gm, 500 gm, 1 kg and 5 kg as a primary packing. The primary packs of 100 gm and 200 gm capacity shall be inserted into inner carton as a secondary packing. There shall be no secondary packing for 500 gm, 1 kg and 5 kg pack size. The secondary packs of capacity 100 gm, 200 gm and primary packs of capacity 500 gm, 1000 gm and 5000 gm shall be further packed in 5-ply CFB box upto 10 kg capacity as a	The requested packing has already been approved by RC in its 462 meeting vide Agenda item no 9.73 in favor of M/s Krishi Rasayan Exports Pvt Ltd.

			transport packing conforming to IS:2771(1)-1990.	
23.	EN-55205 M/s KRISHI RASAYAN EXPORTS PVT. LTD	Penoxsulam 2.67% w/w OD CIR-190007/2021-Penoxsulam (OD)(430)-34.	Endorsement of the following packing: An application with requisite documents for Endorsement of additional packing in co-extruded container of capacity 50 ml as a primary packing. The primary pack shall be put into inner mono carton (of GSM 300)of same capacity as a secondary packing. 96 No. of secondary packs shall be further packed in 7-ply CFB box of capacity 4.8 liter confirming to IS: 2771(Part-1)-1990 as a transport packing. Gross wt of Transport packing shall be 8.66Kg.	The requested packing has already been approved by RC in its 456 meeting vide Agenda item no 9.91 for M/s KR life Science pvt. Ltd.
24.	EN-55307 M/s Willowood chemicals limited	Pymetrozine Technical 98% w/w min. CIR-352372/2025-Pymetrozine (Technical) (464)-6	Endorsement of additional packing in Polyethylene bag having thickness not less than 75 micron± 5 micron of capacity 25 kg as a primary packing. This shall meet the Chinese standard GB/T-4456-2008. The primary packing shall be further packed in HDPE woven sack bag of same capacity (25 Kg) as a transport packing. This shall meet the requirement as per Chinese standard GB/T-8946-1998. Further, this shall be as per UN No. 3077, packaging group-III and class-9 and environmental hazardous substance.	The requested packing has already been approved by RC in its 465 meeting vide Agenda item no 9.48 vide annexure 9.48.1 in favor of M/s Best Agrolife Limited and 459RC at 9.46 in favour of crystal crop protection ltd .
25.	EN-55308 M/s Aristo Bio-tech and life Science Limited	Pyroxasulfone 85% WG CIR-341389/2024-Pyroxasulfone (WG) (456)-71	Endorsement of additional packaging in trilaminated pouches (12µ PET/9µAluminium/ 100µ LDPE) of capacity 60 gm, 120 gm, 300 gm, and 600 gm for Pyroxasulfone 85% WG.	The requested packing has already been approved by RC in its 464th meeting vide Agenda item no 9.100 vide annexure 9.100.1 in favor of M/s Dharmaj Crop Guard Limited (447RC-9.61-M/s PI Industries)
26.	EN-55258 M/s Dharmaj Crop Guard Limited	THIAMETHOXAM 75% w/w SG CIR-137284/2017-THIAMETHOXAM (SG) (372)-661	Endorsement for new/additional/ alternate bulk packing in HDPE drum of capacity 100kg as transport packing.	The requested packing has already been approved by RC in its 464 meeting vide Agenda item no 9.100 vide annexure 9.100.1 in favor of M/s Agro Life Science Corporation.
27.	EN-55293	Pendimethalin 38.7% CS	Endorsement of additional bulk packing in HDPE drum of capacity 200 liters as a primary and transport	The requested packing has already been approved by RC in its

	M/s Willowood chemicals limited	CIR-134068/2016-Pendimethalin (CS)(366)-380	packing as per IS 15749:2007. Container shall be closed with HDPE plug to make is leak proof and pilfer proof. Gross wt of the HDPW drum shall be 146.2 Kgs .	457 meeting vide Agenda item no 9.52 in favor of M/s Krishi rasayan exports Pvt. ltd.
28.	EN-55292 M/s Willowood chemicals limited	Oxyfluorfen 23.5% EC CIR-39,118(220)/2002-Oxyfluorfen (EC)-56	Endorsement of additional bulk packing in HDPE drum of capacity 200 liters as a primary and transport packing. Container shall be closed with HDPE plug to make is leak proof and pilfer proof. HDPE drum shall confirm to IS 6312:1994. Gross wt of HDPE drum shall be 208.2 Kg.	The requested packing has already been approved by RC in its 458 meeting vide Agenda item no 9.92 M/s Krishi rasayan exports Pvt. ltd.
29.	EN-55285 M/s Willowood chemicals limited	Imidacloprid 70% WG CIR-64,870/2010-Imidacloprid(WG)(310)-1451	Endorsement of additional packing in a LDPE liner having thickness not less than 0.125 mm of capacity 20 kg and 25 kg. as Primary packing which shall be further packed in 5-ply CFB boxes conforming to IS:2771-1977 of same capacity as transport packing. Gross Weights: Gross weights for the 20 kg and 25 kg packs are 21.040 kg and 26.075 kg respectively.	The requested packing has already been approved by RC in its 457 meeting vide Agenda item no 9.46 M/s Krishi Rasayan exports Pvt. ltd.
30.	EN-55280 M/s Willowood chemicals limited	Atrazine 50% CIR-126306/2015-Atrazine (WP)(353)-174	**Endorsement of additional packing as -** **Primary Packing: The product shall be packed in LDPE liner of 25Kg as primary packaging .** **Transport packing: The primary packing shall be further packed in HDPE bag of capacity 25Kg conforming to IS 8069:1989. Gross wt of HDPE bag is 25.175 Kg**	The requested packing has already been approved by RC in its 457 meeting vide Agenda item no 9.55 M/s Krishi rasayan exports Pvt. ltd
31.	EN-55256 M/s Dharmaj Crop Guard Limited	Pyrazosulfuron ethyl 10% WP CIR-167523/2019-Pyrazosulfuron ethyl (WP) (408)-34	**Endorsement of additional packing in LDPE liner with thickness not less than 0.062 mm of capacity 25 kg as a primary packing which shall be further packed in HDPE bag of same capacity as a transport packing conforming to IS: 8069 (part 2) 1981.**	The requested packing has already been approved by RC in its 458th meeting vide Agenda item no 9.95 in favour of M/s Krishi Rasayan Exports Pvt. Ltd.
32.	EN-55255 M/s Dharmaj Crop Guard Limited	Hexaconazole 5% SC CIR-131592/2015-Hexaconazole (SC) (356)-501	**Endorsement of new/additional/ alternate bulk packing g in HDPE drum of capacity 200 liters as a primary and transport packing. Container shall be closed with HDPE plug to make is leak proof and pilfer proof**	The requested packing has already been approved by RC in its 457th meeting vide Agenda item no 9.50 in favor of M/s Krishi Rasayan Exports Pvt. Ltd.
33.	EN-55254	Bispyribac sodium 10% w/v SC	**endorsement for new/additional/ alternate bulk packing in 200 liter**	The requested packing has already been

	M/s Dharmaj Crop Guard Limited	CIR-162150/2019-Bispyribac sodium (SC) (399)-25	**HDPE-XL Ring Drum as per IS : 6312-1994 for bulk packing 200 liter for bulk packing.**	approved by RC in its 390th meeting vide Agenda item no 8.3 in favor of M/s Godrej Agrovet Ltd.
34.	EN-55253 M/s Dharmaj Crop Guard Limited	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC CIR-196057/2021-Azoxystrobin + Difenoconazole (SC) (434)-2158	**Endorsement for additional packing for 50 ml in HDPE bottle as a primary, duplex board carton as secondary and 5-ply CFB box as transport packing and additional primary packing in HDPE container of 3 liters capacity and 5-ply CFB box conforming to IS 2771: Part 1: 1990 in the capacity of 6 liters maximum. And Endorsement of additional bulk packing in HDPE drum of capacity 200 liters as a primary and transport packing. Container shall be closed with HDPE plug to make is leak proof and pilfer proof.**	The requested packing has already been approved by RC in its 464th meeting vide Agenda item no 9.100 vide annexure 9.1001 (S.no 8 and S.No 65) in favor of M/s SUPER FORD INSECTICIDES LTD.
35.	EN-55248 M/s Dharmaj Crop Guard Limited	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC CIR-162154/2019-Azoxystrobin + Tebuconazole (SC) (399)-310.	**Endorsement for new/additional/ alternate bulk packing in HDPE drum of capacity 200 liters as a primary and transport packing. Container shall be closed with HDPE plug to make is leak proof and pilfer proof.**	The requested packing has already been approved by RC in its 457th meeting vide Agenda item no 9.44 in favor of M/s Krishi Rasayan Exports Pvt. Ltd
36.	EN-55251 M/s JU AGRI SCIENCES PRIVATE LIMITED	Mesotrione 2.27% + Atrazine 22.7% SC CIR-336813/2023-Mesotrione + Atrazine (SC)(451)-131	**Endorsement of additional packaging of 1000 ml capacity in existing material of construction (HDPE) as a primary packing which shall be further packed in 5-ply CFB box of maximum capacity 10 kg as per IS:2771(1)1990 as a transport packing.**	The requested packing has already been approved by RC in its 454th meeting vide Agenda item no 9.82 vide annexure 9.82.1 in favor of M/s Parijat Industries (India) Pvt. Ltd.
37.	EN-55284 M/s MICON LABORATORIES (P) LTD,	Cymoxanil 8% + Mancozeb 64% WP CIR-272138/2023-Cymoxanil + Mancozeb (WP)(444)-358	Endorsement of additional packaging of Cymoxanil 8% + Mancozeb 64% WP in 1200 gm capacity in Trilaminated pouch which shall be further packed in duplex board mono carton of same capacityas per IS 6604-1997 as secondary packing. Secondary packing shall be further packed in CFB Boxes conforming to IS 2771(pt-1) 1990 as transport packing. The capacity of transport packing shall be 6 kg and 12 kg.	The requested packing has already been approved in RC in its 402nd meeting vide Agenda item no 8.36 (Annexure 8.36.1) in favor of M/s FIL INDUSTRIES LIMITED.
38.	EN-48250	Carbofuran Technical 90% Min	Endorsement of additional packaging: product will be imported	The requested packing has been already been

	M/s Amish Cropsciences Pvt Ltd.	CIR-158869/2019-Carbofuran(Technical)(394)-3	in Fiber Board Drum having diameter of 400mm & height 550mm of capacity 25kg as a primary and transport packing as per IMDG UN No. 3082, hazardous class 9 and packaging group III.	approved by RC in its 450th meeting vide Agenda item no 10.30 in favor of M/s Kunzite Crop Science Private Limited.
39.	EN-55275 M/s UPL Sustainable Agri Solutions Ltd	Glyphosate Technical 95% min CIR-352240/2025-Glyphosate (Technical) (463)-34	Endorsement for the bulk packing for import of the product in Polypropylene bag of capacity 25, 600 & 840 kg of minimum thickness 0.05 mm with inner liner of polyethylene of the same capacity of thickness 0.075 mm, this shall also be as per UN. No. 3377. Hazard class 6, packaging group 3.	The requested packing is already approved in 362nd RC meeting vide agenda 8.10 in favour of M/s Sinochem India Company Private Limited.
40.	File No: 193359 Meenakshi Agro Chemicals	Profenophos 50% EC, CIR-103188/2012-Profenophos (EC) (333)-4.	Endorsement for alternate packing of capacity 100ml, 250ml, 500ml, 1000ml, and 5000ml in PET bottles as per IS:13123:2000.	The requested packing has already been approved by RC in its 264th meeting, vide agenda item no 8.13, in favor of M/s Nagarjuna Agrichem Limited.
41.	EN-41368 KRISHI RASAYAN EXPORTS PVT LTD.,	2,4-D Amine Salt 58% SL CIR-50,767/2005-2,4-D Amine Salt (SL) (246)-975.	Endorsement of additional packing in PET bottle of capacity 400 ml.	The requested packing has already been approved by RC in its 405th meeting in favor of M/s Parijat Industries (India) Pvt Limited, vide Agenda Item No.9.20.
42.	EN-41653 Nishan Chemical Industries.,	Emamectin Benzoate 5% SG CIR-139686/2017-Emamectin Benzoate (SG)(375)-416.	Endorsement of additional packing in HDPE bottle of capacity 10 g, 50 g, 100 g, 250 g, 500 g, 1 kg and 5 kg capacity and these shall be further packed in CFB boxes. HDPE container shall be used as per IS:6312-1994.	The requested packing has already been approved by RC in its 435th meeting in favor of M/s Bharti Rasaynic Udyog.
43.	EN-42846 M/s JU AGRI SCIENCES PVT. LTD.	Thiamethoxam 30% FS. CIR-138435/2017-Thiamethoxam (FS) (374)-731.	Endorsement of new/alternate packing of capacity 20 liters in HDPE container (bucket) and 5-ply Corrugated Fiber Board (CFB) Box as a transport packing conforming to IS:2771 (Part-I)-1990.	The requested packing has already been approved by RC in its 428th meeting in favor of M/s Crystal Crop Protection Limited, vide agenda item No 9.41.
44.	EN-43072 M/s Krishi Rasayan Exports Pvt. Ltd.	Mancozeb 75% WG CIR- CIR-l23828/2015-Mancozeb (WG) (353)-244.	Endorsement of additional bulk packing ofcapacity 25 kg and 50 kg. in HDPE woven sac internally laminated with LDPE liner.	The requested packing has already been approved by RC in its 352nd meeting in favor of M/s Indofil Industries Ltd, vide agenda item No 8.12.
45.	EN-42936	Penoxsulam 21.7% SC	Endorsement of additional bulk packaging of 200 liters capacity HDPE drum.	The requested packing has already been approved by RC in its

	M/s Krishi Rasayan Exports Pvt. Ltd.	CIR- 190005/2021-Penoxsulam (SC) (430)-32.		440th meeting in favor of M/s Dow AgriScience Ltd, vide agenda item No 9.70.
46.	EN-42973 M/s Krishi Rasayan Exports Pvt. Ltd.	Cymoxanil 8% + Mancozeb 64% WP CIR-130564/2015 Cymoxanil+Mancozeb (WP) (356)-99.	Endorsement of additional packing in fibre board drum with LDPE liner of capacity 50 kg as a primary/ transport packing.	The requested packing has already been approved by RC in its 431st meeting in favor of M/s Best Agrolife Ltd, vide Annexure 9.40.1, S.No.35.
47.	EN-44162 M/s Best Crop Science Pvt. Ltd.	Emamectin Benzoate 5% SG CIR-103841/2012-Emamectin Benzoate (SG) (334)-1.	Endorsement for additional packing in Pet bottles of 50 gm, 100 gm, 250 gm, 500 gm, and 1 kg capacity forming to IS:13123:2000 as a primary packing which shall be packed in 7-ply CFB boxes as transport packing conforming to IS:2771(1-1990).	The requested packing has already been approved by RC in its 443rd vide agenda is item no. 9.15 to M/s Agrico Organics Ltd.
48.	EN-44360 M/s Poorva Chemicals Pvt. Ltd.	Gibberellic Acid 0.001% L CIR-140823/2017-Gibberellic Acid (L) (377)-398	Endorsement for additional packing in HDPE bottles of capacity 5 liter and 10 liter provided with leak proof and pilfer proof closer system as a primary packing for Gibberellic Acid 0.001% L.	The requested packing has already been approved by RC in its 367th meeting vide Agenda item no 8.4 to M/s Sumitomo Chemical India Pvt. Ltd.
49.	EN-53973 M/s CHEMLEY AGRITECH PRIVATE LIMITED	Pyraclostrobin 20% WG CIR-338521/2024-Pyraclostrobin (WG) (453)-274	Endorsement of additional packing in HDPE container of capacity 60 gms & 150 gms and Endorsement of additional transport packing in 5-ply CFB box of capacity 10 kg conforming to IS:2771(I)- 1990.	The requested packing has already been approved by RC in its 304th and 289th meeting vide agenda item no. 8.9 and 6.7 respectively in favor of M/s BASF India Ltd.
50.	EN-55602 M/s Krishi Rasayan Exports Pvt. Ltd.	Ethion 40%+Cypermethrin 5% EC CIR-36000/2001 Ethion+Cypermethrin(EC)-540.	Endorsement for additional packing Non-removable head type HMHDPE XL-2 drums with min. thickness of body sheet 3.40 mm of capacity 210 liter confirming the IS: 6312: 1994 (reaffirmed,1999) with closer fitted with leak proof plugs.	The requested packing has already been approved by RC in its 459th meeting vide agenda item no. 9.70 in favor of M/s PI Industries Ltd.,
51.	EN-55601 M/s Krishi Rasayan Exports Pvt. Ltd.	Cypermethrin 25% EC CIR-9592/89/ Cypermethrin (EC)-429.	Endorsement for alternate packing in Non-removable head type HMHDPE XL-2 drums with min. thickness of body sheet 3.40 mm of capacity 210 liter confirming the IS: 6312: 1994 (reaffirmed,1999) with closer fitted with leak proof plugs.	The requested packing has already been approved by RC in its 459th meeting vide agenda item no. 9.69 in favor of M/s PI Industries Ltd.
52.	EN-56019 M/s Krishi Rasayan Exports Pvt. Ltd.	Paraquat Dichloride Technical 42% min. CIR-176613/2021-Paraquat dichloride (Technical) (424) – 38.	Endorsement of additional packing of Paraquat Dichloride Technical 42% Min. for Import in HDPE drum of capacity 200 Liter as per IMDG UN No. 3016 hazardous Class 6.1 and Packaging group II.	The requested packing has already been approved by RC in its 418 meeting vide agenda item no. 6.6 in

				favor of M/s M/s. Anu Products Ltd.
53.	EN-56254 M/s Punjab Pesticides Industries Pvt Ltd	Tembotrione 34.4% w/w SC CIR-179649/2021-Tembotrione (SC)(427)-2	Endorsement for the additional packing in HDPE container of capacity 57.5 ml with 200 ml surfactant in coextruded container for Tembotrione 34.4% SC. And Endorsement of new/alternate packing for surfactant in the capacity of 200 ml, 400 ml & 800 ml of PET bottle as per IS:13123- 2000 for Tembotrione 34.4% SC.Tembotrione 34.4 % SC shall be packed in HDPE bottles in capacity of 57.5 ml, 115 ml & 230 ml as per IS:9754-1981. The surfactant shall be packed in PET bottles of capacity 200 ml, 400 ml & 800 ml confirming to IS: 13123-2000 primary packing. Primary packaging of Tembotrione 34.4 % SC of 57.5 ml, 115 ml & 230 ml capacities and surfactant of 200 ml, 400 ml & 800 ml capacities will be further packed into duplex mono cartons as secondary packing as per IS:16985-2018. The duplex mono cartoon as secondary pack of 57.5 ml formulation along with 200 ml surfactant will be further packed into 5-ply CFB boxes as transport packaging of maximum capacity of 5150 ml and 6180 ml for 115 ml & 230 ml formulation and 400 ml & 800 ml surfactant pack size respectively. The CFB box will comply with IS: 2771(Part-I)- 1990.	The requested packing has already been approved by RC in 456th meeting at Agenda 9.92.1 at S.No 7 and S.No. 27 in favour of M/s Chemley Agritech pvt ltd and BR Agrotech Pvt Ltd
54.	EN-55659 M/s Mahamaya Lifesciences Pvt. Ltd.	Imidacloprid Technical 94% w/w min. CIR-1717/2015(354)-Imidacłoprid (T)-21.	Endorsement of additional packaging of 500 kg capacity for import of imidacloprid technical 94% min in bulk packaging in FIBC made from polypropylene fabric coated with polypropylene as per Un No. UN13H2/Y and shall be tranposrted on wooden pallet CPI heat treated.	The proposed additional packing for imidacloprid technical 94% min. has already been approved in favor of M/s Bayer Crop Science., vide agenda no. 8.1.10 by RC in its 294th meeting.
55.	EN-55468 M/s Parijat Industries (India) Ltd	Spinosad 45% SC CIR-104988/2013-Spinosad(SC)(335)-1.	Endorsement for additional packaging in HDPE container of 7 ml and 75 ml capacity.	The requested packing has already been approved by RC in its 450thvide agenda item no 9.109 vide Sr. no 6 and 12 of annexure 9.109.1 in favor of M/s

				Congrats Agropack Pvt. Ltd.
56.	EN-55465 M/s General Crop Science	Emamectin Benzoate Technical - 95% Min. CIR-342171/2024-Emamectin Benzoate (Technical)(457)-10.	Endorsement of additional/alternate packing of 25 kg capacity in LDPE liner as a primary packing and Fiber Board drum of capacity 25 kg as secondary/transport packing.	The requested packing has already been approved by RC in its 453rd vide agenda item no 9.8 in favor of M/s Drosera International Pvt. Ltd.
57.	EN-55433 M/s Indogulf Cropsciences Limited	Glufosinate Ammonium 13.5 % SL CIR- 120802/2015-Glufosinate Ammonium (SL) (352)-7	Endorsement for additional primary packing In HDPE container of 5 litres and 10 litres capacity.	The above packing has already been approved by the RC in its 452nd meeting, vide Annexure-9.47.1, S.No. 101 in favor of M/s Meenakshi Agro Chemicals and 190th meeting in favor of M/s. Hoechst Schering Ltd., Mumbai. (Now Bayer Crop Science).
58.	EN-55409 M/s Indogulf Cropsciences Limited	Bispyribac sodium 10% w/v SC. CIR-167548/2019-Bispyribac sodium (SC) (4081-66.	Endorsement of alternate packaging of PET container with capacity 5ml, 10ml, 20ml, 40ml, 50ml, 80ml, 100 ml, 200ml, 250ml, 400ml, 500ml, and 1 ltr followed by mono caron fot ulta-small and small pack as a secondary and 5-ply CFB box conforming to IS: 2771(Part-I)-1991.	The requested packing has already been approved by RC in its 432nd meeting vide Agenda item no 9.20 in favor of M/s PI Industries Ltd.
59.	EN-55425 M/s Indogulf Cropsciences Limited	Glyphosate 71% SG CIR-57,378/2007-Ammonium salt of Glyphosate(SG)(277)-454.	(1) endorsement application for additional 100 gm trilaminated pouches which will be packed in CFB boxes 12 kg(120 pouches), and (2) additional packaging of capacity 5 kg, 10 kg, 25 kg,and 50 kg in LDPE sack which shall be further packed in fiber board drum and the capacity of 80 kg in LDPE liner (sack) further packed in HM-HDPE drums.	The Proposed additional packing has already been approved by CIB&RC in its 463 RC meeting in Annexure-9.22.1 on serial no 12 in favor of M/s SUPER FORD INSECTICIDES LTD.
60.	EN-55391 M/s TENSAI AGRISCIENCE PRIVATE LIMITED	Abamectin 1.9% EC CIR-348387/2025-Abamectin (EC) (461)-912.	Endorsement of additional packaging of 10 ml in HDPE bottle as a primary packing and inner box as a secondary packing which shall be further packed in 5ply CFB boxes (5 mm thickness) of capacity 2 liter for the Abamectin 1.9% EC.	The requested packing has already been approved by RC in its 451st meeting vide Agenda item no 9.67 in favor of M/s Krishi Rasayan Exports Pvt. Ltd.
61.	EN-55356 M/s Modesto crop protection pvt. ltd.	Oxyflourfen 23.5% E.C CIR-135491/2016-Oxyflourfen (EC) (369)-150 .	Endorsement for additional packing of Oxyflurofen 23.5% EC in Aluminum bottle of capacity 50 ml as a primary packing and 5- CFB box of 3-liter capacity as a transport	The requested packing has already been Approved by RC in its 463rd meeting vide agenda item No. 9.22 of annexure 9.22.1 in

			packing conforming to IS 2771 (1):1990	favour of M/s Maxxgro Agrology Private Limited.
62.	EN-55386 M/s TENSAI AGRISCIENCE PRIVATE LIMITED	Dimethomorph 50% WP CIR-349350/2025-Dimethomorph (WP) (461)-322 .	Endorsement for additional packing in LDPE pouch of capacity 20 gm for Dimethomorph 50% WP.and Endorsement of bulk packing in HDPE woven fabric bag with inner liner of virgin poly material (LDPE) of 25 kg capacity as per IS 8069-1988 for Dimethomorph 50% WP and Endorsement of bulk packing in HDPE woven fabric bag with inner liner of virgin poly material (LDPE) of 25 kg capacity as per IS 8069-1988 for Dimethomorph 50% WP.	The requested packing has already been approved by RC in its 269th, 405th and 442nd meeting vide Agendal item no 8.3.9.19 and 9.72 to M/s BASF India Ltd, M/s BASF Indiarespectively Ltd, and M/s PI Industries Ltd.
63.	EN-55398 M/s TENSAI AGRISCIENCE PRIVATE LIMITED	Bifenthrin 8% + Clothianidin 10% SC CIR-349328/2025-Bifenthrin + Clothianidin (SC) (461)-53 .	Endorsement of additional packing size of 200 liter in HDPE drum for Bifenthrin 8%+ Clothianidin 10% SC. The High-Density Polyethylene drum shall confirm to IS 1783 (Part-1) 2014 Closure system: 50 mm bottom seal having buttress threading, mouth opening-52.2 ±2 mm.	The requested packing has already been approved by RC in its 453rd meeting vide Agenda item no 9.81 in favor of M/s FMC India Private Limited.
64.	EN-55399 M/s TENSAI AGRISCIENCE PRIVATE LIMITED	Bifenthrin 10% CIR-349434/2025-Bifenthrin (EC) (461)-1330	Endorsement for New /Alternate packing in Primary Packing in PET container of capacity 50ml, 100ml, 250ml, 500ml, 1liter and 5 liter as per IS 13123 2000. Transport Packing 5-ply CFB Boxes as per IS 2771 (pt-1)-1990 on the Registration Certificate of Bifenthrin 10% EC and Endorsement of alternate packing in 200 L mild steel drum lacquered from inside having min thickness 1.25 mm as the primary/transport. And Endorsement of additional packing in HDPE drum of capacity 20 kg and 200 kg.	The requested packing has already been approved by RC in its 425th meeting vide agenda item no. 9. 23 (Annexure 9.23.1) in favor of M/s Crop Life Science Ltd and in its 416th meeting vide agenda item no 9.22 in favor of M/s UPL Ltd.and in its 360th meeting vide Agenda item 8.13 in favor of M/s FMC India Pvt. Ltd. respectively.
65.	EN-55397 M/s TENSAI AGRISCIENCE PRIVATE LIMITED	Azoxystrobin 18.2% + Difenoconazole 11.4% SC CIR-348653/2025-Azoxystrobin + Difenoconazole (SC)(461)-1044	Endorsement of additional bulk packing in HDPE drum of capacity 200 liters as a primary and transport packing. Container shall be closed with HDPE plug to make leak proof and pilfer proof.	The requested packing has been approved by RC in its 457th meeting vide Agenda item no 9.45 in favor of M/s Krishi Rasayan Exports Pvt. Ltd.
66.	EN-55395	Atrazine 50% WP	Endorsement of additional packaging in Tri-laminated pouch (12-micron PET/12-micron Alu	The requested packing has already been approved by RC in its

	M/s TENSAI AGRISCIENCE PRIVATE LIMITED	CIR-348410/2025-Atrazine (WP) (461)-1154	Foill 75-micron LDPE) of capacity 100 gm 250 gm, 500 gm & 1 kg as a primary packing. Primary packing up to 500 gm shall be packed in cardboard carton and primary packing of 1 kg capacity shall be packed in e-flute carton as secondary packing followed by 5-ply CFB box as transport packing of capacity 12.50 kg for Atrazine 50% WP.and Endorsement of additional packing in HDPE bag of capacity 25 kg conforming to 8069-1989 as a transport packing with LDPE liner of capacity 25 kg as a primary packing.	349th meeting vide Agenda item 8.7 in favor of M/s Nagarjuna Agrihem Ltd. Hence may be taken for consideration. The requested packing has already been approved by RC in its 457th meeting vide Agenda item no 9.55 in favor of M/s Krishi Rasayan Export Pvt. Ltd.
67.	EN-55383 M/s TENSAI AGRISCIENCE PRIVATE LIMITED	Chlorantraniliprole 0.4% GR CIR-349435/2025-Chlorantraniliprole (GR)(461)-1006	Endorsement for additional primary packing in bi-laminated pouch capacity of 7.5 kg and transport packing in CFB boxes of capacity 22.5 kg.and Endorsement of additional transport packing system i.e. CFB Boxes with a capacity of 32 kg maximum confirming to IS: 2771 (part-1)-1990 for Chlorantraniliprole 0.4% GR. And Endorsement of alternate bulk packaging in propylene flexible intermediate bulk container (FIBC) bag laminated with LDPE capacity of 500 kg and Polypropylene woven sacks bag with LDPE liner of capacity 25 kg. and Endorsement of additional packing in bi-laminated pouch (12 µ PET + 180 µ polyethylene) of capacity 6 kg which shall be further packed in 7-ply CFB box kg as a transport packing conforming to IS 2771(1)-2022 in the manner of 6 kg x 4(Nos)=24kg.	The requested packing has already been approved by RC in its 354th, 320th 453rdand 458thmeeting vide Agenda item no 8.8, 8.14, 9.77 and 9.79 respectively in favor of M/s E. I. DuPont India Pvt. Ltd, M/s E.I. DuPont India Pvt. Ltd, M/s FMC India Private Limited and M/s FMC India Private Limited.
68.	EN-55382 M/s TENSAI AGRISCIENCE PRIVATE LIMITED	Cartap Hydrochloride 4% GR CIR-348403/2025-Cartap Hydrochloride (GR) (461)-1236	Endorsement of additional packing in LDPE liner with thickness not less than 0.125 mm of capacity 25 kg as a primary packing which shall be further packed in HDPE bag of same capacity as a transport packing conforming to IS: 8069-1989 and Endorsement of additional packing in LDPE liner having thickness 0.062 mm of capacity 1 kg, inserted in HDPE woven sacks conforming to IS 8069: 1988 and Endorsement of Primary packing- Polyethylene bag of thickness not less than 0.060	The requested packing has already been approved by RC in its 458th and 453rd and 354th meeting meeting vide Agenda item no 9.83 and 9.91 (Annexure 9.91.1), 8.13 respectively in favor of M/s Krishi Rasayan Export Pvt. Ltd. and M/s Monsoon Agro Chemicals Pvt

			mm of capacity 3.75 kg and 7.5 kg. Secondary packing- BI laminated pouch of PET 12u/Poly 60 µ. Transport packing- 5-ply CFB box of capacity 22.5 kg.	Ltd. and M/s Dhanuka Agritech Ltd, Delhi.
69.	EN-55380 M/s TENSAI AGRISCIENCE PRIVATE LIMITED	Bispyribac Sodium 10% SC CIR-349439/2025-Bispyribac sodium (SC) (461)-1059.	Endorsement of additional packing in HDPE containers of capacity 50 ml and 100 ml in lieu of 40 ml and 80 ml. Endorsement of alternate packing for repacking in PET container with capacity 50 ml and 100 ml, followed by mono carton for ultra small and small pack as a secondary, and 5-ply CFB box conforming to IS: 2771 (1): 1990 as transport packing. Endorsement of alternate packaging of 200-liter HDPE-XL Ring Drum as per IS: 6312-1994 for bulk packing 200 liter for bulk packing of Bispyribac Sodium 10% w/v SC.	The requested packing has already been approved by RC in its 353rd, 430th and 390th meeting vide Agenda item no 8.11.9.4 and 8.3 respectively in favor of M/s P. I. Industries Ltd, M/s PI Industries Ltd., and M/s Godrej Agrovet Lid.
70.	EN-55389 M/s TENSAI AGRISCIENCE PRIVATE LIMITED	Emamectin Benzoate 5% SG CIR-349429/2025-Emamectin Benzoate (SG) (461)-607.	Endorsement of additional packaging of Emamectin Benzoate 5% SG in HDPE bottles of 10 gm, 50 gm, 100 gm, 250 gm, 500 gm, and 1 kg capacity made from virgin HDPE as a primary packing conforming to IS:97541981 which shall be further packed in CFB boxes of 5 kg capacity as a transport packing. Endorsement of alternate pack size of 10 gm, 50 gm, 100 gm, 250 gm, 500 gms, 1 kg and 5 kg capacity in water soluble pouch, further packed in tri-laminated pouch (PET/POLY/BOPP/POLY) Endorsement of alternate packing in PET bottles of 50gm. 100gm, 250gm, 500gm & 1kg capacity conforming to IS:13123:2000 as a primary packing and 5-ply CFB box as transport packing conforming to IS:2771(1): 1990 Endorsement of additional new packing in HDPE full open top drum of 25 kg and 50 kg capacity as a primary packing. Drum body closed with a hooded lid and secured by clamping ring as per IS: 6312:1994.	The requested packing has already been approved by RC in its 451st, 449th, 447th 447th meeting vide agenda item no. 9.68 (Annexure 9.68.1) 9.47 (Annexure 9.47.1), 9.77 (Annexure 9.77.1), 9.77 (Annexure respectively in favor of M/s Ideal Agri Search Pvt. Ltd., M/s JU Agri Sciences Private Limited, M/s Ichiban Crop Science Limited, M/s Mahamaya Lifesciences Pvt Limited. 9.77.1)

71.	EN-55387 M/s TENSAI AGRISCIENCE PRIVATE LIMITED	Dinotefuran 15% + Pymetrozine 45% WG 9 CIR-349427/2025-Dinotefuran + Pymetrozine (WG) (461)-690	Endorsement of new additional packaging of 13.32 gm in reverse printed tri-laminated pouches (12 micron PET/9 micron AL/100 micron LDPE) and inner mono carton as a secondary packing which shall be further packed in 5-ply CFB box as a transport packaging for the Dinotefuran 15% + Pymetrozine 45% WG.	The requested packing has already been approved by RC in its 451st meeting vide agenda item no. 9.64 in favor of M/s Seedlings India Private Limited.
72.	EN-55403 M/s Indogulf Cropsciences Limited	CHLORANTRANILIPROLE 0.4% w/w GR CIR-298626/2023-CHLORANTRANILIPROLE (GR) (446)-590.	(1) Endorsement application for additional primary packing in bilaminated pouch of capacity 7.5 kg and transport packing in CFB boxes of capacity 22.5 kg, and (2) additional packing in bi-laminated pouch (12 PET + 180 u polyethylene) of capacity 6 kg which shall be further packed in 7-ply CFB box kg as a transport packing conforming to IS:2771(I)-2022 in the manner of 6 kg x 4(Nos)=24kg and (3) alternate bulk packaging in propylene flexible intermediate bulk container (FIBC) bag laminated with LDPE of capacity 500 kg and Polypropylene woven sacks bag with LDPE liner of capacity 25 kg.	The Proposed additional packing has already been approved by RC in its 354 RC meeting vide agenda no. 8.8 in favor of M/s E. L. Dupont India Pvt. Ltd., Gurgaon, additional packing has been approved in 453 RC minutes in agenda no. 9.77 in favor of M/S FMC India Pvt. Ltd, and alterante packing has been already approved in 458 RC minutes in agenda no. 9.79.
73.	EN-55327 M/s Coromandel International Limited	Neem Oil based -EC containing Azadirachtin 0.03 % (300 PPM) w/w min CIR-61,112/2008-Azadirachtin (EC) (293)-1245.	Endorsement of additional packaging of HDPE of capacity 5.00 L to be further packed in CFB confirming BIS specification Is: 2771 (Pt-1):1990 and its amendment.	Endorsement of additional packaging of HDPE of capacity 5.00 L to be further packed in CFB confirming BIS specification Is: 2771 (Pt-1):1990 and its amendment.
74.	EN-55368 M/s Willowood Chemicals Limited	Pretilachlor 37% w/w EW CIR-100771/2012-Pretilachlor (EW)(320)-1	Endorsement of additional bulk packing in HDPE drum of capacity 200 liters as a primary and transport packing. Container shall be closed with HDPE plug to make is leak proof and pilfer proof.	The requested packing has already been approved by RC in its 457th meeting vide agenda number 9.42 in favor of M/s Krishi Rasayan Export Pvt.
75.	EN-55475 M/s Cocreate Global	Pyroxasulfone 85% WG CIR-344850/2024 – Pyroxasulfone (WG) (459)-149.	1. Endorsement for additional packaging in tri-laminated pouches (12µ PET / 9µ Aluminium / 100µ LDPE) of capacity 60 gm, 120 gm, 300 gm, and 600 gm.and	The requested packing has already been approved by RC in its 459th RC vide agenda no 9.83 and 456th RC vide agenda no 9.92 and in 456th RC vide

	technologies private limited.		2. Endorsement for the addition of container net content in existing transport pack of 180 litre in fiber drum with 100 kg in lieu of 70 kg for Pyroxasulfone 85% WG. And 3. Endorsement of additional packaging in 25 kg LDPE liner bag with HDPE drum in registration certificate of Pyroxasulfone 85% WG.	agenda no 9.83 in favour of M/s. BR Agrotech ltd., M/s. Ichiban Crop Science Limited and M/s UPL Ltd. respectively.

Annexure-9.121.1

Applications for deletion of crops

S. No.	C.S.N.	Company Name	Product Name	Already Approved Crops of applicant	Claim for deletion of crops	MRL status	Remarks
1.	EN-46847	Tropical Agrosystem (India) Pvt. Ltd.	Oxyfluorfen 23.5% EC	Rice (direct sown puddled transplanted, tea, onion, potato, groundnut	Potato and Groundnut.	Fixed	For Deletion of Groundnut and Potato crops in the Label and Leaflet vide Gazette Notification No. S.O. 4294(E) dated 29.09.2023 issued by Government of India
2.	EN-46858	JU Agri Sciences Pvt. Ltd.	Oxyfluorfen 23.5% EC	Rice (direct sown puddled transplanted, tea, onion, potato, groundnut	Potato and Groundnut.	Fixed	For Deletion of Groundnut and Potato crops in the Label and Leaflet vide Gazette Notification No. S.O. 4294(E) dated 29.09.2023 issued by Government of India
3	EN-56552	M/s Pensh ibao Wang Private Limited	Oxyfluorfen 23.5% EC	Potato, Tea, Rice (Direct shown as pre-emergence),Onion, Groundnut, Mentha.	Potato and Groundnut	Fixed	For Deletion of Groundnut and Potato crops in the Label and Leaflet vide Gazette Notification No. S.O. 4294(E) dated 29.09.2023 issued by Government of India
4	EN-54812	M/s Nexus Crop Science Pvt. Ltd	Oxyfluorfen 235%EC	Potato, Tea, Rice (Direct shown as pre-emergence),Onion, Groundnut, Mentha.	Potato and Groundnut	Fixed	For Deletion of Groundnut and Potato crops in the Label and Leaflet vide Gazette Notification No. S.O. 4294(E) dated 29.09.2023 issued by Government of India

Annexure-10.11.1

Files for endorsement in toxicity triangle

Sr. No.	Appl No.	Company Name	Product Name	Remarks
1.	EN-53486	JU AGRI SCIENCES PRIVATE LIMITED	Mancozeb 75% WG	Green to Blue
2.	EN-53988	KRISHI RASAYAN EXPORTS PVT. LTD.	D-Trans allethrin 0.1 % MC	Yellow to Blue
3.	EN-53985	KRISHI RASAYAN EXPORTS PVT. LTD.	Deltamethrin l% RTU	Yellow to Blue
4.	EN-53987	KRISHI RASAYAN EXPORTS PVT. LTD.	Difenoconazole 3% WS	Closed as per applicant request
5.	EN-54225	Cropnosys India Pvt. Ltd.	Emamectin Benzoate 5% SG	Yellow to Blue
6.	EN-54226	Cropnosys India Pvt. Ltd.	Gibberellic Acid 0.001% L	Green to Blue
7.	EN-54227	Cropnosys India Pvt. Ltd.	Lambda-cyhalothrin 4.9% CS	Yellow to Blue
8.	EN-54228	Cropnosys India Pvt. Ltd.	Thifluzamide 24% SC	Green to Blue
9.	EN-54224	Cropnosys India Pvt. Ltd.	Carbendazim 12%+Mancozeb 63% WP	Green to Blue
10.	EN-54132	KRISHI RASAYAN EXPORTS PVT. LTD	Fipronil 0.05 % Gel	Yellow to Blue
11.	EN-54215	KRISHI RASAYAN EXPORTS PVT. LTD	Indoxacarb 15.8% EC	Red to Blue
12.	EN-54177	KRISHI RASAYAN EXPORTS PVT. LTD	Gibberellic Acid 0.001% L	Green to Blue
13.	EN-54039	KRISHI RASAYAN EXPORTS PVT. LTD	Fenproximate 5 % EC	Yellow to Blue
14.	EN-54037	KRISHI RASAYAN EXPORTS PVT. LTD	Emamectin Benzoate 1.9 % EC	Yellow to Blue
15.	EN-54161	Crop Growth (India) Pvt. Ltd	Pretilachlor 37% EW	Green to Blue
16.	EN-54187	Crop Growth (India) Pvt. Ltd	CHLORANTRANILIPROLE 18.5% SC	Green to Blue
17.	EN-54188	Crop Growth (India) Pvt. Ltd	NOVALURON 5.25% + INDOXACARB 4.5% SC	Yellow to Blue
18.	EN-54190	Crop Growth (India) Pvt. Ltd	EMAMECTIN BENZOATE 5% SG	Yellow to Blue

19.	EN-54191	Crop Growth (India) Pvt. Ltd	EMAMECTIN BENZOATE 1.9% EC	Yellow to Blue
20.	EN-54112	KRISHI RASAYAN EXPORTS PVT. LTD.	EMAMECTIN BENZOATE 5% SG	Yellow to Blue
21.	EN-54143	KRISHI RASAYAN EXPORTS PVT. LTD.	Flunbeidamide-20% WG	Green to Blue
22.	EN-54142	KRISHI RASAYAN EXPORTS PVT. LTD.	Fipronil4%+Acetamiprid 4% SC	Yellow to Blue
23.	EN-54212	KRISHI RASAYAN EXPORTS PVT. LTD.	Indoxacarb-14.5% Acetamiprid-7.7% SC	Yellow to Blue
24.	EN-54135	KRISHI RASAYAN EXPORTS PVT. LTD.	Fiipronil-2.92% EC	Yellow to Blue
25.	EN-54300	KRISHI RASAYAN EXPORTS PVT. LTD.	Penoxsulam 21.7 % SC	Green to Blue
26.	EN-54138	Ulink AgriTech Pvt.Ltd	Chlorantraniliprole 9.3%+Lambda-cyhalothrin 4.6% ZC	Yellow to Blue
27.	EN-54265	KRISHI RASAYAN EXPORTS PVT. LTD.	Lambda Cyhalothrin 4.9% CS	Yellow to Blue
28.	EN-54301	KRISHI RASAYAN EXPORTS PVT. LTD.	Pretilachlor 37 % EW	Green to Blue
29.	EN-54268	KRISHI RASAYAN EXPORTS PVT. LTD.	Lufenuron 5.4 % EC	Green to Blue
30.	EN-54299	KRISHI RASAYAN EXPORTS PVT. LTD.	Novaluron 5.25% + Indoxacarb 4.5% SC	Yellow to Blue
31.	EN-54098	Atul Limited	Chlorantraniliprole 18.5% SC	Green to Blue
32.	EN-54141	Ulink AgriTech Pvt.Ltd.,	Lambda Cyhalothrin 4.9% CS	Yellow to Blue
33.	EN-54179	KRISHI RASAYAN EXPORTS PVT. LTD.	Imazamox 35% + Imazethapyr 35% WG	Green to Blue
34.	EN-54176	KRISHI RASAYAN EXPORTS PVT. LTD.	Flubendiamide 39.35 % SC	Green to Blue
35.	EN-54210	KRISHI RASAYAN EXPORTS PVT. LTD.	Imidacloprid-2.15% Gel	Yellow to Blue
36.	EN-54180	KRISHI RASAYAN EXPORTS PVT. LTD.	Imazethapyr-70% WG	Green to Blue
37.	EN-54211	KRISHI RASAYAN EXPORTS PVT. LTD.	Imiprothrin-0.05% + Cypermethrin-1.0% CL	Yellow to Blue
38.	EN-54177	KRISHI RASAYAN EXPORTS PVT. LTD.	Gibberellic Acid 0.001% L	Green to Blue

39.	EN-54178	KRISHI RASAYAN EXPORTS PVT. LTD.	Hexythiazox 5.45% EC	Green to Blue
40.	EN-53758	Nichino India Private Limited	Chlorantraniliprole -18.5% W/w SC	Green to Blue
41.	EN-53763	Nichino India Private Limited	Flubendiamide 20% WG	Green to Blue
42.	EN-53765	Nichino India Private Limited	Pretilachlor 37% w/w EW	Green to Blue
43.	EN-53762	Nichino India Private Limited	Carbendazim 12% + Mancozeb 63% WP	Green to Blue
44.	EN-53761	Nichino India Private Limited	Fenpyroximate 5% EC	Yellow to Blue
45.	EN-53760	Nichino India Private Limited	Emamectin Benzoate 5% SG	Yellow to Blue
46.	EN-54379	KRISHI RASAYAN EXPORTS PVT. LTD.	Transfluthrin 0.03 % mosquito coil	Green to Blue
47.	EN-54378	KRISHI RASAYAN EXPORTS PVT. LTD.	Thifluzamide 24 % SC	Green to Blue
48.	EN-54377	KRISHI RASAYAN EXPORTS PVT. LTD.	Thiacloprid 21.7% SC	Yellow to Blue
49.	EN-54338	KRISHI RASAYAN EXPORTS PVT. LTD.	Propargite 57 % EC	Yellow to Blue
50.	EN-54380	KRISHI RASAYAN EXPORTS PVT. LTD.	Tricyclazole 18% +Mancozeb 62% WP	Yellow to Blue
51.	EN-54335	KRISHI RASAYAN EXPORTS PVT. LTD.	Pretilachlor 6.0% + Pyrazosulfuron Ethyl 0.15% GR	Green to Blue
52.	EN-54334	KRISHI RASAYAN EXPORTS PVT. LTD.	Pinoxaden 5.1% EC	Green to Blue
53.	EN-54336	KRISHI RASAYAN EXPORTS PVT. LTD.	Propiconazole 10.7% + Tricyclazole 34.2% SE	Yellow to Blue
54.	EN-54099	Atul Limited	Indoxacarb 14.5% SC	Yellow to Blue
55.	EN-54269	KRISHI RASAYAN EXPORTS PVT. LTD.	Mancozeb 75 % WG	Green to Blue
56.	EN-54539	Agrow Allied Ventures Private Limited	Pretilachlor 37% w/w EW	Green to Blue
57.	EN-54535	Agrow Allied Ventures Private Limited	Chlorantraniliprole 18.5% SC	Green to Blue
58.	EN-54537	Agrow Allied Ventures Private Limited	Lambda cyhalothrin 4.9% CS	Yellow to Blue
59.	EN-54540	Agrow Allied Ventures Private Limited	Carbendazim 12%+ Mancozeb 63% WP	Green to Blue

60.	EN-54599	Agrow Allied Ventures Private Limited	Pyraclostrobin 20% WG	Green to Blue
61.	EN-54574	Agrow Allied Ventures Private Limited	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Yellow to Blue
62.	EN-54572	Agrow Allied Ventures Private Limited	Metsulfuron methyl 20% WP	Green to Blue
63.	EN-54865	Agro Life Science Corporation	Carbendazim 12% + Mancozeb 63 % WP	Green to Blue
64.	EN-54867	Agro Life Science Corporation	Chlorantraniliprol 18.5 % SC	Green to Blue
65.	EN-54866	Agro Life Science Corporation	Carbendazim 25% + Mancozeb 50% WS	Green to Blue
66.	EN-54864	Agro Life Science Corporation	Azoxystrobin 23% SC	Green to Blue
67.	EN-54885	Agro Life Science Corporation	Fenvalrate 0.4% DP	Yellow to Blue
68.	EN-54887	Agro Life Science Corporation	Fipronil 0.05 % Gel	Yellow to Blue
69.	EN-54883	Agro Life Science Corporation	Emamectin Benzoate 5 % SG	Yellow to Blue
70.	EN-54884	Agro Life Science Corporation	Fenpyroximate 5 % EC	Yellow to Blue
71.	EN-54903	Agro Life Science Corporation	Fipronil 4% + Acetamiprid 4% SC	Yellow to Blue
72.	EN-54904	Agro Life Science Corporation	Flubendiamide 39.35 % SC	Green to Blue
73.	EN-54902	Agro Life Science Corporation	Fipronil 2.92% EC	Yellow to Blue
74.	EN-54905	Agro Life Science Corporation	Hexythiazox 5.45 % EC	Green to Blue
75.	EN-54906	Agro Life Science Corporation	Imazethapyr 70% WG	Green to Blue
76.	EN-54557	Seedlings India Private Limited	Pyriproxyfen 0.5% GR	Green to Blue
77.	EN-54558	Seedlings India Private Limited	Azoxystrobin 23% SC	Green to Blue
78.	EN-54560	Seedlings India Private Limited	Mancozeb 75 % WP	Green to Blue
79.	EN-55463	Agro Life Science Corporation	Indoxacarb 15.8% EC	Red to Blue

80.	EN-54995	MODESTO CROP PROTECTION PVT. LTD.	Imidacloprid 0.3% GR	Yellow to Blue
81.	EN-55144	CONTROPEST (INDIA)CHEMICALS PRIVATE LIMITED	Emamectin Benzoate 5 % SG	Yellow to Blue
82.	EN-55154	Leeds Life Sciences Private Limited	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC	Red to Yellow
83.	EN-55239	Crop Growth (India) Pvt. Ltd	CARBENDAZIM 12% + MANCOZEB 63% WP	Green to Blue
84.	EN-55242	Crop Growth (India) Pvt. Ltd	GIBBERELLIC ACID 0.001% L	Green to Blue
85.	EN-55244	Crop Growth (India) Pvt. Ltd	INDOXACARB 14.5% SC	Yellow to Blue
86.	EN-55245	Crop Growth (India) Pvt. Ltd	THIFLUZAMIDE 24% SC	Green to Blue
87.	EN-55740	ADAMA India Pvt. Ltd.,	Emamectin Benzoate 5 % SG	Yellow to Blue
88.	EN-55738	ADAMA India Pvt. Ltd.,	Carbendazim 12 % + Mancozeb 63 % WP	Green to Blue
89.	EN- 55877	ADAMA India Pvt. Ltd.,	Thifluzamide 24% SC	Green to Blue
90.	EN- 55876	ADAMA India Pvt. Ltd.,	Pretilachlor 37% w/w EW	Green to Blue
91.	EN-55461	Agro Life Science Corporation	Indoxacarb 14.5% +Acetamiprid 7.7% SC	Yellow to Blue
92.	EN-55462	Agro Life Science Corporation	Indoxacarb 14.5% SC	Yellow to Blue
93.	EN-55460	Agro Life Science Corporation	Imidacloprid 2.15 % Gel	Yellow to Blue
94.	EN-55484	Agro Life Science Corporation	Pretilachlor 37 % EW	Green to Blue
95.	EN-55494	Nexus Crop Science Private Limited	Metsulfuron Methyl 20% WP	Green to Blue
96.	EN-55482	Agro Life Science Corporation	Novaluron 5.25% + Indoxacarb 4.5% SC	Yellow to Blue
97.	EN-54110	Agroking Pesticides Pvt. Ltd	Pretilachlor 37% w/w EW	Green to Blue
98.	EN-54613	Agroking Pesticides Pvt. Ltd	IMAZETHAPYR 70% WG	Green to Blue
99.	EN-55150	Nav Durga Agroscience Pvt. Ltd	Gibberellic Acid 0.001% L	Green to Blue

100	EN-56392	NACL Industries Limited	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Yellow to Blue
101	EN-56391	NACL Industries Limited	Chlorantraniliprol 18.5 % SC	Green to Blue
102	EN-56400	NACL Industries Limited	Carbendazim 12% + Mancozeb 63 % WP	Green to Blue
103	EN-56544	Jaycee LifeSciences	Pyraclostrobin 20% WG	Green to Blue
104	EN-54084	Rallis India Limited	Bromadiolone 0.005 % RB	Red to Blue
105	EN-54193	Rallis India Limited	Chlorantraniliprole 18.5% SC	Green to Blue
106	EN-56034	Mankind Agritech Private Limited	Indoxacarb 15.8% EC	Red to Blue
107	EN-55986	Mankind Agritech Private Limited	Gibberellic Acid 0.001% L	Green to Blue
108	EN-55987	Mankind Agritech Private Limited	Fenpyroximate 5% EC	Yellow to Blue
109	EN-55965	Mankind Agritech Private Limited	Emamectin Benzoate 1.9% EC	Yellow to Blue
110	EN-55961	Mankind Agritech Private Limited	Chlorantraniliprole 18.5% SC	Green to Blue
111	EN-55930	Indogulf Cropsciences Limited	Indoxacarb 14.5 % SC	Yellow to Blue
112	EN-55972	Indogulf Cropsciences Limited	Propargite 57 % EC	Yellow to Blue
113	EN-55929	Indogulf Cropsciences Limited	Flubendiamide 39.35% SC	Green to Blue
114	EN-55958	Indogulf Cropsciences Limited	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Yellow to Blue
115	EN-55547	Agro Life Science Corporation	Thiamethoxam 12.6% +Lambda-Cyhalothrin 9.5% ZC	Red to yellow
116	EN-55560	Agro Life Science Corporation	Bifenthrin 2.5% EC	Yellow to Blue
117	EN-54888	Agro Life Science Corporation	Fipronil 0.3% GR	Closed as per applicant request/ applied by mistake
118	EN-55526	Agro Life Science Corporation	Propargite 57 % EC	Yellow to Blue
119	EN-54607	Agroking Pesticides Pvt. Ltd	Chlorantraniliprole 9.3% +	Yellow to Blue

			Lambdacyhalothrin 4.6% ZC	
120	EN-54611	Agroking Pesticides Pvt. Ltd	Emamectin Benzoate 1.9% EC	Yellow to Blue
121	EN-54605	Agroking Pesticides Pvt. Ltd	Chlorantraniliprole 18.5% SC	Green to Blue
122	EN-55549	Agro Life Science Corporation	Pyriproxyfen 5% + Fenpropathrin 15% EC	Yellow to Blue
123	EN-55548	Agro Life Science Corporation	Lufenuron 5.4% EC	Green to Blue
124	EN-55529	Agro Life Science Corporation	Tricyclazole 18% +Mancozeb 62% WP	Yellow to Blue
125	EN-55527	Agro Life Science Corporation	Propiconazole 10.7% + Tricyclazole 34.2% SE	Yellow to Blue
126	EN-55528	Agro Life Science Corporation	Thifluzamide 24 % SC	Green to Blue
127	EN-56730	K.P.R. CROPSCIENCES PRIVATE LIMITED	Acetamiprid 1.1 % + Cypermethrin 5.5 % EC	Yellow to Blue
128	EN-56455	Bayard Agro Sciences Pvt. Ltd	Azoxystrobin 23% SC	Green to Blue
129	EN-56683	K.P.R. CROPSCIENCES PRIVATE LIMITED	Azoxystrobin 23% SC	Green to Blue
130	EN-55954	Mankind Agritech Private Limited	Azoxystrobin 23% SC	Green to Blue
131	EN-56684	K.P.R. CROPSCIENCES PRIVATE LIMITED	Bensulfuron Methyl 0.6 % + Pretilachlor 6 % GR (Ready mix)	Green to Blue
132	EN-56632	CHEMET CHEMICALS PVT LTD	Bifenthrin 2.5% EC	Yellow to Blue
133	EN-55957	Mankind Agritech Private Limited	Bifenthrin 8% SC	Yellow to Blue
134	EN-56717	Atul Limited	Carbendazim 12% + Mancozeb 63% WP	Green to Blue
135	EN-56815	BR Agrotech ltd	Carbendazim 12% + Mancozeb 63% WP	Green to Blue
136	EN-56807	Dhanuka Agritech Limited	Carbendazim 12% + Mancozeb 63% WP	Green to Blue
137	EN-56513	Jaycee LifeSciences	Carbendazim 12% + Mancozeb 63% WP	Green to Blue

138	EN-55881	Monsoon Agro Chemicals Pvt Ltd	Carbendazim 12% + Mancozeb 63% WP	Green to Blue
139	EN-55959	Mankind Agritech Private Limited	Carbendazim 12% + Mancozeb 63% WP	Green to Blue
140	EN-55895	Karnataka Agro Corporation	Carbendazim 12% + Mancozeb 63% WP	Green to Blue
141	EN-56686	K.P.R. CROPSCIENCES PRIVATE LIMITED	Carbendazim 12% + Mancozeb 63% WP	Green to Blue
142	EN-56772	Dhanuka Agritech Limited	CARBENDAZIM 25% + MANCOZEB 50% WS	Green to Blue
143	EN-55878	Monsoon Agro Chemicals Pvt Ltd	CARBENDAZIM 25% + MANCOZEB 50% WS	Green to Blue
144	EN-56451	Bayard Agro Sciences Pvt. Ltd.,	Chlorantraniliprole 18.5% w/w SC	Green to Blue
145	EN-56515	Jaycee LifeSciences	Chlorantraniliprole 18.5% w/w SC	Green to Blue
146	EN-56688	K.P.R. CROPSCIENCES PRIVATE LIMITED	Chlorantraniliprole 18.5% w/w SC	Green to Blue
147	EN-55856	SAFEX CHEMICALS INDIA LTD.	Chlorantraniliprole 18.5% w/w SC	Green to Blue
148	EN-56808	Dhanuka Agritech Limited	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Yellow to Blue
149	EN-56516	Jaycee LifeSciences	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Yellow to Blue
150	EN-56687	K.P.R. CROPSCIENCES PRIVATE LIMITED	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Yellow to Blue
151	EN-55807	SAFEX CHEMICALS INDIA LTD.	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Yellow to Blue
152	EN-56561	Maxxgro Agrology Limited	Chlopropham 50% HN	Green to Blue
153	EN-56453	Bayard Agro Sciences Pvt. Ltd	Chlorfluazuron 5.4% EC	Green to Blue
154	EN-56689	K.P.R. CROPSCIENCES PRIVATE LIMITED	Cyfluthrin 5% EW	Yellow to Blue

155	EN-56690	K.P.R. CROPSCIENCES PRIVATE LIMITED	Deltamethrin 25% Tablet	Yellow to Blue
156	EN-56458	Bayard Agro Sciences Pvt. Ltd	Emamectin Benzoate 1.9% EC	Yellow to Blue
157	EN-55896	Karnataka Agro Corporation	Emamectin Benzoate 1.9% EC	Yellow to Blue
158	EN-56692	K.P.R. CROPSCIENCES PRIVATE LIMITED	Emamectin Benzoate 1.9% EC	Yellow to Blue
159	EN-56564	Maxxgro Agrology Limited	Emamectin Benzoate 1.9% EC	Yellow to Blue
160	EN-56724	Atul Limited	Emamectin Benzoate 5% SG	Yellow to Blue
161	EN-56635	CHEMET CHEMICALS PVT LTD	Emamectin Benzoate 5% SG	Yellow to Blue
162	EN-56518	Jaycee LifeSciences	Emamectin Benzoate 5% SG	Yellow to Blue
163	EN-56693	K.P.R. CROPSCIENCES PRIVATE LIMITED	Emamectin Benzoate 5% SG	Yellow to Blue
164	EN-55897	Karnataka Agro Corporation	Emamectin Benzoate 5% SG	Yellow to Blue
165	EN-55854	SAFEX CHEMICALS INDIA LTD.	Emamectin Benzoate 5% SG	Yellow to Blue
166	EN-56694	K.P.R. CROPSCIENCES PRIVATE LIMITED	Fenpyroximate 5% EC	Yellow to Blue
167	EN-56695	K.P.R. CROPSCIENCES PRIVATE LIMITED	Fenpyroximate 5% SC	Yellow to Blue
168	EN-56696	K.P.R. CROPSCIENCES PRIVATE LIMITED	Fenvalerate 0.4%DP	Yellow to Blue
169	EN-56634	CHEMET CHEMICALS PVT LTD	Fipronil 0.05% Gel	Yellow to Blue
170	EN-56697	K.P.R. CROPSCIENCES PRIVATE LIMITED	Fipronil 2.92% w/w EC	Yellow to Blue
171	EN-56565	Maxxgro Agrology Limited	Fipronil 4% + Acetamiprid 4% SC	Yellow to Blue
172	EN-56698	K.P.R. CROPSCIENCES PRIVATE LIMITED	Fipronil 4% + Acetamiprid 4% SC	Yellow to Blue
173	EN-56454	Bayard Agro Sciences Pvt. Ltd	Flubendiamide 20 % WG	Green to Blue
174	EN-56699	K.P.R. CROPSCIENCES PRIVATE LIMITED	Flubendiamide 20 % WG	Green to Blue
175	EN-55968	Mankind Agritech Private Limited	Flubendiamide 20 % WG	Green to Blue
176	EN-56519	Jaycee LifeSciences	Flubendiamide 39.35% m/m SC	Green to Blue
177	EN-56700	K.P.R. CROPSCIENCES PRIVATE LIMITED	Flubendiamide 39.35% m/m SC	Green to Blue
178	EN-55861	SAFEX CHEMICALS INDIA LTD.	Flubendiamide 39.35% m/m SC	Green to Blue

179	EN-56456	Bayard Agro Sciences Pvt. Ltd	Fenxaprop-p-ethyl 7.77% + Metribuzin 13.6% w/w EC	Yellow to Blue
180	EN-56464	Bayard Agro Sciences Pvt. Ltd	Gibberellic Acid 0.001% L	Green to Blue
181	EN-56775	Dhanuka Agritech Limited	Gibberellic Acid 0.001% L	Green to Blue
182	EN-56520	Jaycee LifeSciences	Gibberellic Acid 0.001% L	Green to Blue
183	EN-55882	Monsoon Agro Chemicals Pvt Ltd	Gibberellic Acid 0.001% L	Green to Blue
184	EN-55899	Karnataka Agro Corporation	Gibberellic Acid 0.001% L	Green to Blue
185	EN-56701	K.P.R. CROPSCIENCES PRIVATE LIMITED	Gibberellic Acid 0.001% L	Green to Blue
186	EN-56480	Poorva Chemtech Pvt.Ltd.	Gibberellic Acid 0.001% L	Green to Blue
187	EN-55852	SAFEX CHEMICALS INDIA LTD.	Gibberellic Acid 0.001% L	Green to Blue
188	EN-56032	Mankind Agritech Private Limited	Hexythiazox 5.45% EC	Green to Blue
189	EN-56523	Jaycee LifeSciences	Imazethapyr 70% WG	Green to Blue
190	EN-56706	K.P.R. CROPSCIENCES PRIVATE LIMITED	Imazethapyr 70% WG	Green to Blue
191	EN-55857	SAFEX CHEMICALS INDIA LTD.	Imazethapyr 70% WG	Green to Blue
192	EN-56727	K.P.R. CROPSCIENCES PRIVATE LIMITED	Imazamox 35% + Imazethapyr 35% WG	Green to Blue
193	EN-55904	Monsoon Agro Chemicals Pvt Ltd	Imidacloprid 0.3% GR	Yellow to Blue
194	EN-56524	Jaycee LifeSciences	Imidacloprid 0.3% GR	Yellow to Blue
195	EN-55859	SAFEX CHEMICALS INDIA LTD.	Imidacloprid 0.3% GR	Yellow to Blue
196	EN-56707	K.P.R. CROPSCIENCES PRIVATE LIMITED	Imidacloprid 2.15% Gel	Yellow to Blue
197	EN-56462	Bayard Agro Sciences Pvt. Ltd	Indoxacarb 14.5% SC	Yellow to Blue
198	EN-56709	K.P.R. CROPSCIENCES PRIVATE LIMITED	Indoxacarb 14.5% SC	Yellow to Blue
199	EN-55860	SAFEX CHEMICALS INDIA LTD.	Indoxacarb 14.5% SC	Yellow to Blue
200	EN-56708	K.P.R. CROPSCIENCES PRIVATE LIMITED	Indoxacarb 14.5% + Acetamiprid 7.7% SC	Yellow to Blue
201	EN-56710	K.P.R. CROPSCIENCES PRIVATE LIMITED	Indoxacarb 15.8% EC	Red to Blue

202	EN-56636	CHEMET CHEMICALS PVT LTD	Lambda-cyhalothrin 4.9% CS	Yellow to Blue
203	EN-56788	Dhanuka Agritech Limited	Lambda-cyhalothrin 4.9% CS	Yellow to Blue
204	EN-56079	Mankind Agritech Private Limited	Lambda-cyhalothrin 4.9% CS	Yellow to Blue
205	EN-56465	Bayard Agro Sciences Pvt. Ltd	Lambda-cyhalothrin 4.9% CS	Yellow to Blue
206	EN-56532	Jaycee LifeSciences	Lambda-cyhalothrin 4.9% CS	Yellow to Blue
207	EN-55817	SAFEX CHEMICALS INDIA LTD.	Lambda-cyhalothrin 4.9% CS	Yellow to Blue
208	EN-55905	Monsoon Agro Chemicals Pvt Ltd	Lambda-cyhalothrin 4.9% CS	Yellow to Blue
209	EN-56712	K.P.R. CROPSCIENCES PRIVATE LIMITED	Lufenuron 5.4% EC	Green to Blue
210	EN-56082	Mankind Agritech Private Limited	Mancozeb 75% WG	Green to Blue
211	EN-56083	Mankind Agritech Private Limited	Mandipropamid 23.4% SC	Green to Blue
212	EN-56710	K.P.R. CROPSCIENCES PRIVATE LIMITED	Metalaxyl-M 3.3% + Chlorothalonil 33.1% SC	Red to Blue
213	EN-56403	Crop Growth (India) Pvt. Ltd	Metsulfuron Methyl 20% WG	Green to Blue
214	EN-56084	Mankind Agritech Private Limited	Metsulfuron Methyl 20% WG	Green to Blue
215	EN-55903	Monsoon Agro Chemicals Pvt Ltd	Metsulfuron Methyl 20% WG	Green to Blue
216	EN-56085	Mankind Agritech Private Limited	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Yellow to Blue
217	EN-55898	Karnataka Agro Corporation	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Yellow to Blue
218	EN-55879	Monsoon Agro Chemicals Pvt Ltd	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Yellow to Blue
219	EN-56459	Bayard Agro Sciences Pvt. Ltd	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Yellow to Blue

220	EN-55809	SAFEX CHEMICALS INDIA LTD.	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Yellow to Blue
221	EN-56535	Jaycee LifeSciences	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Yellow to Blue
222	EN-56715	K.P.R. CROPSCIENCES PRIVATE LIMITED	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Yellow to Blue
223	EN-56266	Natco Pharma Limited	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Yellow to Blue
224	EN-56540	Jaycee LifeSciences	Penoxsulam 21.7% SC	Green to Blue
225	EN-55830	SAFEX CHEMICALS INDIA LTD.	Penoxsulam 21.7% SC	Green to Blue
226	EN-56738	Atul Limited	Pretilachlor 37% EW	Green to Blue
227	EN-56466	Bayard Agro Sciences Pvt. Ltd	Pretilachlor 37% EW	Green to Blue
228	EN-56773	Dhanuka Agritech Limited	Pretilachlor 37% EW	Green to Blue
229	EN-56541	Jaycee LifeSciences	Pretilachlor 37% EW	Green to Blue
230	EN-56718	K.P.R. CROPSCIENCES PRIVATE LIMITED	Pretilachlor 37% EW	Green to Blue
231	EN-56057	Mankind Agritech Private Limited	Pretilachlor 37% EW	Green to Blue
232	EN-55971	SAFEX CHEMICALS INDIA LTD.	Pretilachlor 37% EW	Green to Blue
233	EN-56716	K.P.R. CROPSCIENCES PRIVATE LIMITED	Pretilachlor 6.0% + Pyrazosulfuron Ethyl 0.15% GR	Green to Blue
234	EN-56056	Mankind Agritech Private Limited	Pretilachlor 6.0% + Pyrazosulfuron Ethyl 0.15% GR	Green to Blue
235	EN-55880	Monsoon Agro Chemicals Pvt Ltd	Pretilachlor 6.0% + Pyrazosulfuron Ethyl 0.15% GR	Green to Blue
236	EN-56720	K.P.R. CROPSCIENCES PRIVATE LIMITED	Propiconazole 10.7% + Tricyclazole 34.2% SE	Yellow to Blue

Annexure-10.41.1

List of Free Sale Certificates

S. No.	Application No.	Category	Name of Applicant	Product Name
1	EN-55049	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	FORWARD CROP PROTECTION PVT. LTD.	Cypermethrin 25% E.C.
2	EN-55048	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	FORWARD CROP PROTECTION PVT. LTD.	Sulphur 80% WDG
3	EN-55047	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	FORWARD CROP PROTECTION PVT. LTD.	Alphacypermethrin 10% SC
4	EN-55232	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Ecobiocides & Botanicals Pvt. Ltd.	Neem Seed Kernel Based EC Containing Azadirachtin 1% (1000PPM) Min.
5	EN-55132	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	FORWARD CROP PROTECTION PVT. LTD.	Phenthoate 50 % E.C
6	EN-55252	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	GSP Crop Science Limited	Propanil 48% E.C.
7	EN-55364	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Tagros Chemicals India Private Limited	Deltamethrin 5% SC
8	EN-55363	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Tagros Chemicals India Private Limited	Deltamethrin 2.5% WP
9	EN-55362	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Tagros Chemicals India Private Limited	Deltamethrin 2.5% EC
10	EN-55577	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Tagros Chemicals India Private Limited	Dimefluthrin Technical 93% Min
11	EN-55591	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Kundan Pestichem Pvt.Ltd.	Copper Hydroxide 77% WP
12	EN-55518	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Kundan Pestichem Pvt.Ltd.	Copper Hydroxide Technical 88% min.
13	EN-55796	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Indofil Industries Limited	Difenoconazole 25% w/v EC
14	EN-55835	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Superform Chemistries Limited	Aluminium Phosphide 57% Tablet
15	EN-55864	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	UPL Limited	2,4-D Acid 318 g/kg + Picloram 96 g/kg + Metsulfuron methyl 45 g/kg WG
16	EN-55865	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	UPL Limited	Metribuzin 34% + Flucarbazone Sodium 14% + Clodinafop Propargyl 10% WG
17	EN-55955	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Ichiban Crop Science Limited	SPIROTETRAMAT 15.31% OD

18	EN-55960	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Ichiban Crop Science Limited	Pyrithiobac-sodium 10% EC
19	EN-56106	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	BETRUST INDUSTRIES PRIVATE LIMITED	Karanjin (Karanja Oil Base) 2.0% + Eucalyptus Leaf Extract 15% EC (Bebak Super)
20	EN-56100	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	BETRUST INDUSTRIES PRIVATE LIMITED	Cinnamaldehyde (Cinnamomum Plant extract base) 7% + Garlic Oil 4% EC (Trust Nema)
21	EN-56059	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	M/s Parijat Industries (India) Ltd	Deltamethrin 2.5% EC
22	EN-56060	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	M/s Parijat Industries (India) Ltd	Fipronil 4% + Acetamiprid 4%(w/v) SC
23	EN-56064	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	M/s Parijat Industries (India) Ltd	Permethrin 50% EC
24	EN-56061	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	M/s Parijat Industries (India) Ltd	Fipronil 20% SC
25	EN-56098	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	BETRUST INDUSTRIES PRIVATE LIMITED	Azadirachtin 0.3% + Eugenol (Clove Oil) 6% EC (No Gulp)
26	EN-56156	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Superform Chemistries Limited	Glufosinate Ammonium Technical 96% Min.
27	EN-56155	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Superform Chemistries Limited	Glufosinate Ammonium Technical (95% Min.)
28	EN-56192	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Superform Chemistries Limited	Pendimethalin Technical 94% Min.
29	EN-56193	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Superform Chemistries Limited	Pendimethalin Technical 97.00% w/w Min.
30	EN-56124	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Superform Chemistries Limited	Thiamethoxam Technical 98.5% min.
31	EN-56125	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Superform Chemistries Limited	Chlorantraniliprole Technical 93.00% w/w min.
32	EN-56126	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Superform Chemistries Limited	Chlorantraniliprole Technical 96.50% w/w min.
33	EN-56091	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	UPL Limited	Glufosinate Ammonium 150 g/L SL
34	EN-56093	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	UPL Limited	Lambda-cyhalothrin 20 g/L + Novaluron 100 g/L ZC
35	EN-56095	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	UPL Limited	Pyrazosulfuron Ethyl 0.75% + Pretilachlor 30% DF
36	EN-56102	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	UPL Limited	Mancozeb 600 g/L OS

37	EN-56089	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	UPL Limited	Phenmedipham 7.5% + Ethofumesate 11.5% + Desmedipham 1.5% SC
38	EN-56094	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	UPL Limited	Propanil 380 + Triclopyr 40 g/L EC
39	EN-56104	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	UPL Limited	S-metolachlor 405 g/L + Metribuzin 135 g/L EC
40	EN-56062	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	M/s Parijat Industries (India) Ltd	Chlorpyrifos 48% EC
41	EN-56242	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Rallis India Limited	Deltamethrin 25 g/L SC
42	EN-56224	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	KRISHI RASAYAN EXPORTS PVT. LTD.	Azoxystrobin 20% w/w + Difenoconazole 12.5% w/w SC
43	EN-56232	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	KRISHI RASAYAN EXPORTS PVT. LTD.	GLYPHOSATE 48% SL
44	EN-56220	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	KRISHI RASAYAN EXPORTS PVT. LTD.	Alphacypermethrin 10% EC w/v
45	EN-56311	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Meghmani Industries Limited	Propanil Technical 98.00% w/w min.
46	EN-56312	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Arysta LifeScience India Limited	Carboxin 17.5% + Thiram 17.5% FF
47	EN-56313	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Arysta LifeScience India Limited	Carboxin 17.5% + Thiram 17.5% FF
48	EN-56335	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	Dimethoate 20% + Lambda-Cyhalothrin 0.5% w/w EC
49	EN-56331	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	M/s Parijat Industries (India) Ltd	Lambda-Cyhalothrin 5% W/V CS
50	EN-56356	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Tagros Chemicals India Private Limited	Alphacypermethrin 10% SC
51	EN-56352	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Tagros Chemicals India Private Limited	Lambdacyhalothrin 10% CS
52	EN-56350	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Tagros Chemicals India Private Limited	Fipronil 80% WG
53	EN-56349	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Tagros Chemicals India Private Limited	Fipronil 20% SC
54	EN-56348	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Tagros Chemicals India Private Limited	Alphacypermethrin 25% WG
55	EN-56345	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Tagros Chemicals India Private Limited	Alphacypermethrin 5% SC
56	EN-56354	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Tagros Chemicals India Private Limited	Malathion 440 G/L EW

57	EN-56347	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Tagros Chemicals India Private Limited	Alphacypermethrin 10% WP
58	EN-56377	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Superform Chemistries Limited	Dodine Technical (98.00% w/w Min.)
59	EN-54912	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Universal Agro Chemical Industries.	Hexaconazole 5% SC
60	EN-54913	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Universal Agro Chemical Industries.	**Lambda-cyhalothrin** 4.9% Capsule Suspension
61	EN-55366	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Tagros Chemicals India Private Limited	Permethrin Technical
62	EN-55365	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Tagros Chemicals India Private Limited	Deltamethrin Technical
63	EN-55361	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Tagros Chemicals India Private Limited	Cypermethrin Technical
64	EN-55360	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Tagros Chemicals India Private Limited	Alphacypermethrin Technical
65	EN-54956	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	MAHAMAYA LIFESCIENCES LTD.	FLUPYRADIFURONE 17.09% SL
66	EN-55408	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Agro Life Science Corporation	Acetamiprid 20% SP
67	EN-55431	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	KRISHI RASAYAN EXPORTS PVT. LTD.	Imidacloprid 70% WG
68	EN-55474	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	KRISHI RASAYAN EXPORTS PVT. LTD.	Deltamethrin 2.8 % EC
69	EN-55122	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	ASCENT CROP SCIENCE	2,4-D amine salt 58% S.L.
70	EN-55123	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	ASCENT CROP SCIENCE	Abamectin 1.9% EC
71	EN-55124	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	ASCENT CROP SCIENCE	Azoxystrobin 11% + Tebuconazole 18.3% w/w SC
72	EN-55125	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	ASCENT CROP SCIENCE	Azoxystrobin 16.7%+ Tricyclazole 33.3% SC.
73	EN-55126	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	ASCENT CROP SCIENCE	Bifentrhin 8% SC
74	EN-55127	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	ASCENT CROP SCIENCE	Chlorpyriphos 20% E.C
75	EN-55128	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	ASCENT CROP SCIENCE	Cypermethrin 10% E.C.
76	EN-55130	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	ASCENT CROP SCIENCE	Fipronil 18.87% W/W SC

77	EN-55131	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	ASCENT CROP SCIENCE	Fipronil 40%+ Imidacloprid 40% WG
78	EN-55812	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	ACT Agro-Chem Pvt Ltd.	Azoxystrobin 120 g/L + Tebuconazole 240 g/L SC
79	EN-55813	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	ACT Agro-Chem Pvt Ltd.	Hexaconazole 5% + Validamycin 2.5% SC
80	EN-55795	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Indofil Industries Limited	Difenoconazole Technical 95% Min.
81	EN-55794	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Indofil Industries Limited	Cymoxanil Technical 98% min.
82	EN-55863	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Superform Chemistries Limited	Aluminium Phosphide 77.5% GR
83	EN-55867	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	UPL Limited	Cymoxanil 8% + Mancozeb 64% WP
84	EN-55855	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Insecticides India Limited	Thiamethoxam Technical 97.00% w/w Min
85	EN-55935	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	I P L BIOLOGICALS LIMITED	Pseudomonas fluorescence 5% SP
86	EN-56035	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Heranba Industries Limited	Dinotefuran 20% w/w SG
87	EN-56118	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	BETRUST INDUSTRIES PRIVATE LIMITED	Thiamethoxam 25% WG
88	EN-56117	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	BETRUST INDUSTRIES PRIVATE LIMITED	Lambda Cyhalothrin 10% WP
89	EN-56092	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	M/s Parijat Industries (India) Ltd	Isoprothiolane 40% EC
90	EN-56090	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	M/s Parijat Industries (India) Ltd	Temephos 1% Granules
91	EN-56074	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	ACT Agro-Chem Pvt Ltd.	Carbendazim 50% WP
92	EN-55129	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	ASCENT CROP SCIENCE	Dinotefuran 15% + Pymetrozine 45% WG
93	EN-56120	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Superform Chemistries Limited	Thiamethoxam Technical 97% Min.
94	EN-56122	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Superform Chemistries Limited	Chlorantraniliprole Technical 95.50% w/w min.
95	EN-56065	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	M/s Parijat Industries (India) Ltd	Temephos 50% EC
96	EN-56210	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	GSP Crop Science Limited	Chlorantraniliprole 8.8% + Thiamethoxam 17.5% SC

97	EN-56241	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	THE SCIENTIFIC FERTILISER COMPANY PRIVATE LIMITED	Alphacypermethrin 10% SC
98	EN-56253	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	THE SCIENTIFIC FERTILISER COMPANY PRIVATE LIMITED	Deltamethrin 2.5 % FLOW
99	EN-56219	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	KRISHI RASAYAN EXPORTS PVT. LTD.	Alphamethrin 10% EC
100	EN-56218	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	KRISHI RASAYAN EXPORTS PVT. LTD.	QUIZALOFOP –ETHYL 5% W/W EC
101	EN-56271	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Indogulf Cropsciences Limited	Spiromesifen 22.9 % SC
102	EN-56292	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	GAIAGEN TECHNOLOGIES PRIVATE LIMITED	Imidacloprid 0.03% w/w gel
103	EN-56293	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	GAIAGEN TECHNOLOGIES PRIVATE LIMITED	Fipronil 0.05% Gel
104	EN-56319	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Ratnakar India Limited	Copper Hydroxide 77% WP
105	EN-56320	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Ratnakar India Limited	Flonicamid 50% WG
106	EN-56321	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Ratnakar India Limited	Pyraclostrobin 20% WG
107	EN-55952	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	BR Agrotech ltd	Boscalid 25.2% + Pyraclostrobin 12.8% WG
108	EN-56329	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	M/s Parijat Industries (India) Ltd	Alphacypermethrin 10% SC
109	EN-56358	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Tagros Chemicals India Private Limited	Difenoconazole 25% EC
110	EN-56353	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Tagros Chemicals India Private Limited	Lambdacyhalothrin 10% WP
111	EN-56351	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Tagros Chemicals India Private Limited	Lambdacyhalothrin 2.5% EC
112	EN-56346	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Tagros Chemicals India Private Limited	Alphacypermethrin 5% WP
113	EN-56338	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Tagros Chemicals India Private Limited	Lambdacyhalothrin Technical
114	EN-56337	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Tagros Chemicals India Private Limited	Clothianidin 50% WG
115	EN-56375	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	BETRUST INDUSTRIES PRIVATE LIMITED	Tolfenpyrad 15% EC
116	EN-56374	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	BETRUST INDUSTRIES PRIVATE LIMITED	Paclobutrazole 23% SC

117	EN-56384	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Heranba Industries Limited	Azoxystrobin 18.2% w/w + Difenconazole 11.4% w/w SC.
118	EN-56383	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Heranba Industries Limited	Dimethomorph 50% WP
119	EN-56382	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Heranba Industries Limited	Flonicamid 50% WG

Annexure – 10.45.1

A: Applications for Import Permit of Dual Use Insecticides

Sr. No.	Application No. and Applicant's Details	Name of the Chemical, Quantity approved and Use	Source of Import/Remarks
1.	IM-1620 Ajanta Pharma Limited	Approved 120 Kg of Boric Acid For use in eye drops (in opthalmic preparations)	Source of Import: Merck KgaA, Frankfurter Strabe 250, Darmstadt, Germany, 64293, Germany
2	IM-1613 ARTEK SURFIN CHEMICALS LIMITED	Approved 55 MT of Boric Acid subjected to on-site verification for stock and consumption and end use of Boric Acid as claimed for Manufacture of Electroplating Chemicals and Salt to be done by a team of Officers. Geo-tagging of premises where Boric Acid is intended to be stored as submitted in Form I to be done.	Source of Import: 1. Rare Mines FZCO (Agent of ETI MADEN ISLETMELERI GENEL MUDURLUGU), 1707, Indigo Icon, Plot No: JLT-PH1-F3A, Jumeirah Lakes Towers, Dubai, UAE 2. ETI MADEN ISLETMELERI GENEL MUDURLUGU, KIZILIRMAK MAHALLESI 1443 CADDE NO.5, 06530 CUKURAMBAR, CANKAYA, ANKARA, TURKIYE 3. M/s Rio Tinto Minerals Asia Pte. Ltd., 12 Marina Boulevard, # 20-01 Marina Bay Financial Centre, Tower3, Singapore 018982 4. M/s Borax Europe Ltd., 6 St.James;s Square London SW1Y 4AD UK 5. M/s INKABOR S.A.C., AV. ITALIA 101, P.I. RIO SECO CERRO COLORADO, AREQUIPA-04017, PERU
3	IM-1603 AROCHEM INDUSTRIES PVT LTD	Approved 2800 MT MONO NITROBENZENE (Nitrobenzene - 99% min.) for use in the manufacturing of Resist Salt Metanilic Acid Aniline 2.5 Di Sulphonic Acid	Source of Import: 1. TKG HUCHEMS CO, LTD., 19TH FLOOR, NAMSAN SQUARE BLDG, 173, TOYEGYE - RD JUNG-GU, SEOUL-100-105 SOUTH KOREA. 2. DONGYUNG CORPORATION ROOM #602, 437, TEHERAN-RO, GANGNAM-GU, SEOUL, 06158, REPUBLIC OF KOREA. 3. SANJAY CHEMICALS MIDDLE EAST DMCC UNIT NO: 2478 DMCC BUSINESS CENTRE LEVEL NO.1, JEWELLERY & GEMPLEX 3, DUBAI .UAE
4	IM-1604 NOCIL Limited	Approved 2000 MT Carbon disulphide for use in the manufacturing of Rubber Chemical/ Sodium Salt of 2-	Source of Import:

		Mercaptobenzothiazole (Na-MBT).	1. *Thai Rayon Public Company Limited, 88/160-1 Mahatun Plaza Building, 16th Floor Ploenchit Road, Lumpini, Pathumwan, Bangkok 10330 (Factory: 19 Moo 7 Nongplmoh A. Donghae, Saraburi 18140 Thailand)* 2. *CarbosulfChemischeWerke GmbH, Postfach 60 01 29, D50681 Geestmünder Str.26 D-50735 Köln Germany* 3. *PT. INDO BHARAT RAYON Kawasan, Industry Kujang, JI.Jend.A.Yani No.39, Cikampek 41373, Indonesia.* 4. *Shikoku Ryutan Co. Ltd., Oita Petrochemical Complex, 2, Nakanosu, Oita-shi, Oita 870-0189 Japan* a. *Supplier: Mitsui & Co. Plastics Ltd. 7f & 8f JA Building, 3-1 Ohtemachi 1-Chome, Chiyoda-ku, Tokyo, Japan* 5. *JSC "VolzhskyOrgsynthese, 100, Alexandrova str., Volzhsky Volgograd region, Russia, 404117, Russia* a. *Supplier: BONEX FZCO Dubai Silicon Oasis, DDP, Building A1, Dubai, United Arab Emirates*
5	IM-1608 Privi Speciality Chemicals Limited	Approved 1500 MT Citral (Citral-R, Citral-T, WanaromaCitral) for use in the manufacturing of aroma chemicals. Note: Applicant has submitted 8 sources, only five sources are approved.	Source of Import: 1. *BASF SE, 67056 Ludwigshafen, Germany 67056* 2. *BASF SOUTH EAST ASIA PTE LTD., 128 Beach Road#18-01, Guoco Midtown, Singapore 189773* 3. *BASF Petronas Chemical SDN BHD., 26080, Kuantan, Pahang, Malaysia* 4. *KURARAY CO., LTD. (Manufacturer), Tokiwabashi Tower, 2-6-4, Otemachi, Chiyoda-ku, Tokyo 100-0004, Japan* 5. *NAGASE & CO. LTD, Tokiwabashi Tower, 2-6-4, Otemachi, Chiyoda-ku, Tokyo 100-8142, Japan*
6	IM-1605 M/s Eurofine Chemicals	Approved 400 MT of Sodium Cyanide (98%) subjected to on-site verification for stock and consumption and end use of Sodium Cyanide as claimed for use in the manufacturing of Cuprous Cyanide and Zinc Cyanide to be done by a team of Officers. Geo-tagging of premises where Sodium Cyanide is intended to be stored as submitted in Form I to be done.	Source of Import: 1. Manufacturer: M/s ORICA AUSTRALIA PTY LTD., Yarwun Plant, Reid Road, Gladstone QLD 4680, Australia. Supplier: ORICA SINGAPORE PTE LTD., 70 Anson Road, #07-02 Singapore 079905 2. Manufacturer & Supplier: Hebei ChengxinCo.. Ltd., Yuanzhao Road Yuanshi Country Hebei Province, China. 3. Manufacturer & Supplier: M/s CyplusGmbh, RodenbacherChaussee, 4, 63457 Hanau Wolfgang, Germany

			4. Manufacturer: M/s. Nippon Soda Co. Ltd., Shin-Ohtemachi-Building, 2-1 2Chome Ohtemachi Chiyoda-ku, Tokyo, Japan. Supplier: M/s. Sojitz Corporation, 1-1, Uchisaiwaicho 2 chome, Chiyoda- ku, Tokyo 100-8691, Japan. 5. Manufacturer & Supplier: M/s LucebniZavodyDraslovkaa.s. KolinHavlickova, 605, 280 02 Kolin IV, Czech Republic.
7	IM-1558 Gem Aromatics Limited	Approved 60 MT of Eucalyptol for Manufacturing of Flavours and Fragrance	Source of Import: 1. TECK SOON HONG ZHUHAI FLAVOURS AND FRAGRANCE LTD 116 JINSHA ROAD JINDING TANGJIAWAN GUANGDONG CHINA 2. NANJING UNIVIS INTERNATIONAL DEVELOPMENT CO A 3012 REGAL INTERNATIONAL NO 5 GUANGZHOU ROAD NANJING CHINA 3. JIANGXI SPICE CHEMICAL INDUSTRIAL CO LTD INDUSTRIAL AREA C JINXI COUNTRY FUZHOU CITY JIANGXI PROVINCE CHINA 4. YUNNAN LORRAINE AROMATIC PRODUCTS CO LTD RMB26 NO3 JINGKAI ROAD KUNMING ECONOMIC AND TECHNOLOGICAL DEVP ZONE YUNNAN PROVINCE 650217 P R CHINA 5. YUNNAN SUMMIT BIOTECHNOLOGY CO LTD CITY INDUSTRIAL PARK, SHUANGBAI CHUXIONG YUNNAN, CHINA
8	IM-1542 M/s SPECTRUM DYES AND CHEMICALS PRIVATE LIMITED	Approved 100 MT of Copper Cyanide subjected to on-site verification for stock and consumption and end use of Copper Cyanide as claimed for use in CYANATION step during the synthesis of intermediates for Disperse dyes to be done by a team of Officers. Geo-tagging of premises where Copper Cyanide is intended to be stored as submitted in Form I to be done.	Source of Import: GuanganChengxin Chemical CO., LTD. XinQiao Energy and Chemical Industry Park, Guangan Economic Development Zone, Guangan City, Sichuan Province, P.R.CHINA 638019
9	IM-1543 M/s SPECTRUM DYES AND CHEMICALS	Approved 100 MT of Copper Cyanide subjected to on-site verification for stock and consumption and end use of Copper Cyanide as claimed for use in CYANATION step during the	Source of Import: HEBEI CHENGXIN CO., LTD. YUANZHAO ROAD, YUANSHI COUNTY, SHIJIAZHUANG, P.R. CHINA 051130

	PRIVATE LIMITED	synthesis of intermediates for Disperse dyes to be done by a team of Officers. Geo-tagging of premises where Copper Cyanide is intended to be stored as submitted in Form I to be done.	
10	IM-1559 Gem Aromatics Limited	Approved 100 MT Eucalyptus Oil for manufacturing of flavours and fragrances subject to submission of clarification regarding actual concentration of Eucalyptus Oil.	Source of Import: 1. TECK SOON HONG (ZHUHAI) FLAVOURS & FRAGRANCE LTD, ADD: 116 JINSHA ROAD, JINDING, TANGJIAWAN, GUANGDONG, CHINA 2. NANJING UNIVIS INTERNATIONAL DEVELOPMENT CO, A 3012, REGAL INTERNATIONAL NO 5, GUANGZHOU ROAD, NANJING, CHINA. 3. JIANGXI SPICE CHEMICAL INDUSTRIAL CO., LTD INDUSTRIAL AREA C, JINXI COUNTRY, FUZHOU CITY, JIANGXI PROVINCE, CHINA. 4. ESS-OIL LTD KIMIHURURA, GASABO, UMUJYI WA KIGALI, RWANDA. 5. YUNNAN SUMMIT BIOTECHNOLOGY CO LTD CITY INDUSTRIAL PARK, SHUANGBAI CHUXIONG YUNNAN, CHINA
11	IM-1612 SNF India Pvt Ltd	Approved 9000 MT Acrylonitrile 99.4% Min. for use in the manufacture of Acrylamide.	Source of Import: *1. Manufacturer: Anqore B.V, Mauritslan 49, Urmond P.O, Box 3006, 6160 GA Geleen, The Netherlands.* *2. Manufacturer: M/s Jiangsu Sailboat Petrochemical Co Ltd, No 8, Comprehensive Office Building, Petrochemical 2nd road, Xuwei district Lianyungang city, China. Supplier: M/s Tradechem International Fze, Postbox 18587, Jebal Ali, Dubai, UAE.* *3. Manufacturer : M/s Taekwang Industrial co ltd., 310, Dongho – Ro, Jung-Gu, Seoul, 04616, South Korea. Supplier: M/s Tradechem International Fze, Postbox 18587, Jebal Ali, Dubai, UAE.* *4. Manufacturer : M/s Tongsuh Petrochemical Corp Ltd., 19f, One ifc, 10 gook jegeumyoong-Ro, Yeongdeungpo-Gu, Seoul, 07326, Korea. Supplier: M/s Marubeni Corporation, 4-2 Ohtemachi 1-Chome, Chiyoda-Ku, Tokyo.* *5. Manufacturer : M/s Shanghai Secco Petrochemical Co. Ltd, 30/31f, A Building , Far East International, Plaza No 319, Xian Xia Road Shanghai 20051, P.R. China. Supplier: M/s Tradechem International Fze, Postbox 18587, Jebal Ali, Dubai, UAE.*

12	IM-1539 M/s PI Industries Limited	Approved 245 MT Thiourea 99% for use in process for manufacturing Pyroxasulfone Technical.	Source of Import: 1. Farmasino pharmaceuticals (Jiangsu) No. 100, jiyanye road Nanjing, China. 2. Manufacturer: ZIBO Haoyi Environmental Protection and Technology Co., Ltd., No.6, Wantong Alley, Jinshan Town, Linzi, Zibo, Shandong, China. Supplier: Fortune Group Co., Ltd West of Northwest XIN River, Louzi Village, Qidu Town, Linzi, Zibo, Shandong, China. 3. Farmasino Co., Ltd. Building 5, No.9, Weidi Road, Nanjing, China (210033) 4. FORTUNE GROUP CO., LTD Yanghuyai Industry Park, Jinshan Town 255400 Shandong-linzizibo, China.
13	IM- 1524 M/s B Pankajkumar and Co.	Deferred for want of clarification from applicant regarding non-submission of DIC recommendation letter.	
14	IM-1634 Deccan Fine Chemicals(India) Pvt Ltd	Approved 40 MT Aminopyralid 92.0% for use in the Manufacturing of Methyl 4-amino-3-chloro-6-(4-chloro-2-fluoro-3-methoxyphenyl)pyridine-2-carboxylate (Halauxifen-methyl/Arylex).	Source of Import: 1. M/s ZHEJIANG AVILIVE CHEMICAL CO., LTD., No. Two, 335 Jiangnan Road, Hengdian Town, Dongyang, Zhejiang, China 2. M/s CortevaAgriscience LLC, Manufacturing Plant: MIDLAND 0149, HERBICIDES Manufacturer Address: 3892 S SAGINAW RD GATE 17, MIDLAND, MI, USA 3. M/s Lier Chemical Co.Ltd, Mianyang Economic and Development Zone, Mianyang City, Sichuan Province, China 621000
B: Applications for Import of Biocides			
1	IM-1528 Arch Protection Chemicals Private Limited	Approved 20 MT Glydant plus liquid (containing IPBC) to be used as preservative in cosmetics.	Source of Import: Arxada LLC, 3500 Trenton Ave Williamsport Pennsylvania (PA) 17701, USA
2	IM-1529 Arch Protection Chemicals Private Limited	Approved 1 MT Glydant Plus™ Granular (containing 5% IPBC) to be used as a preservative in cosmetics.	Source of Import: Arxada LLC., 3500 Trenton Ave Williamsport Pennsylvania (PA) 17701, USA
3	IM-1618 Troy Chemical India Private Limited	Approved 10 MT Troysan V662 (Containing Terbutryn 48% w/w) to be used as a Preservative in paints formulations.	Source of Import: Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand
C: Applications for Indigenous Manufacture of Biocide			

1	IM-1552SANITIZED PRESERVATION INDIA PRIVATE LIMITED	Approved 1000 MT Sanitized CDO (Containing Diuron (20.4 %) and Carbendazim(10.3%)) to be used as preservative in paint and its allied industries.	Source of Technical : Application IM-1552 is applied for Sanitized ® CDO which will be manufactured using Diuron imported from Ancom Crop Care Sdn., Malaysia. Therefore, Sanitized Preservation India Pvt. Ltd also applied for an import license (Sanitized D50: 50% Diuron – application no. IM-1551, approved in 467th RC). Due to the Free Trade Agreement, Imported Sanitized D50 will be cost-competitive and cost effective compared to other sources. Carbendazim technical will be procured from Indian manufacturers which are already approved by CIB & RC in both cases
2	IM-1530 Arch Protection Chemicals Private Limited	Approved 600 MT Densil DI-50 (containing Diuron 51% w/w) to be used as a Preservative to enhance the shelf life of paints.	Source of Technical : Diuron Tech 98% min - Specaility Organics Pvt Ltd
3	IM-1531 Arch Protection Chemicals Private Limited	Approved 50 MT Densil CD (Benzthylamide CD) containing Diuron and Carbendazim to be used as a preservative in paints.	Source of Technical: Diuron Technical min. 98% from Deccan Fine Chemicals India Pvt. Limited, Bharat Rasayan Limited, Hikal Limited, Speciality Organics Pvt. Limited, Adama India Pvt. Ltd. and Carbendazim Technical min. 97% from KrishiRasayan Exports, NACL Industries Limited, Bharat Rasayan Limited, Speciality Organics Pvt. Limited.
4	IM-1536 Speciality Organics Pvt Ltd	Approved 125 MT Alcance DD-10L(10%) containing DCOIT (4,5-Dichloro-2-octyl-4-isothiazolin-3-one) to be used as a preservative in paints.	Source of Technical: 1. SINOBIO CHEMISTRY CO., LTD. Add: No-3, Gaoxin Street, Hi-Tech Industrial Zone, Dalian, China 2. DALIAN BIO-CHEM CO., LTD Add I0F, R&F, No 6, Gangxing Road, ZhongshanDist, Dalian, China
5	IM-1537 Speciality Organics Pvt Ltd	Approved 600 MT Alcance INT555 containing IPBC (12.5%) to be used as a preservative in paints.	Source of Technical: IPBC Technical manufactured in-situ at Speciality Organics Pvt. Ltd (application IM-1625, still under technical scrutiny)
6	IM-1591LANXESS INDIA PVT LTD	Approved 1000 MT Preventol A 25 S containing Carbendazim to be used as a preservative in water based decorative/architectural paints	Source of Technical: Source of Carbendazim technical (1) Parijat Industries India Private Limited (2) KR Life science Private Limited (3) GlobexAgri Science Private Limited (supplied by B R Agrotech Limited, Gujarat)

D: List of applications for amendment in import permit

S. No.	File No. and Name of Applicant	Category and Remarks	Product	Permit No
1	EN-54785 Yamuna Meta chem	Approved for Extension of validity of existing Import Permit for six months.	Sodium Cyanide	No.455/457/2024, valid up to 22.07.2025.
2	EN-56394	Approved for Endorsement of change and Addition of source of import	Yellow Phosphorus	IMPORT PERMIT No.625/461/2025 d

	EXCEL INDUSTRIES LIMITED				ated 27.02.2025 valid up to 26.02.2028

S. No.	Old name and address of the Import Source Name	Change (New) Name and address of the Import Source
1	Manufacturer: M/s ESACO LAOCAI CORPORATION Tang Loong Industrial Zone, BaoThang district, Lao Cai, Vietnam. Supplier :- M/s Itochu Chemical Frontier Corporation 1-3, Umeda 3- Chome, Kita-Ku, Osaka, Osaka 5300001, Japan	Manufacturer: M/s ESACO LAO CAI CORPORATION Tang Loong Industrial Zone, Tang Loong, Lao Cai, Vietnam Supplier: M/s ITOCHU CHEMICAL FRONTIER CORPORATION,1-3, Umeda 3- Chome, Kita-Ku, Osaka, Osaka 5300001. Japan.
2	Manufacturer & Supplier: M/s VIETPHOS, VIETNAM YELLOW PHOSPHORUS CO., LTD. Tang Loong Industrial Zone, BaoThang, Lao Cai, Vietnam	Manufacturer& Supplier: M/s VIET NAM YELLOW PHOSPHORUS CO., LTD. Tang Loong Industrial Zone, Tang Loong, Lao Cai, Viet Nam
3	Manufacturer: M/s NDPP Limited Liability Partnership 126, Abay Avenue, Taraz 080000, Zhambyl Region, , Republic of Kazakhstan Supplier: M/s K.S. INTERNATIONAL FZE, PO Box 66632, Deira, Dubai, United Arab Emirates. Regd. Office- Rak Free Trade Zone, BC2, Business Park, Office No.327, Ras Al. Khaima, United Arab Emirates.	Manufacturer and Supplier: M/s NDPP Limited Liability Partnership Dostyk Avenue, Building 85A, Block 1, Office 429, Medeu District, Almaty 050000, Republic of Kazakhstan
4	Manufacturer: M/s VIET NAM APATITE - PHOSPHORUS JOINT STOCK COMPANY Tang Loong Industrial Zone, BaoThang District, Lao Cai Province, Vietnam	Manufacturer: M/s VIET NAM APATITE - PHOSPHORUS JOINT STOCK COMPANY, Tang Loong Industrial Zone, Tang Loong Commune, Lao Cai Province, Vietnam

<table>
<tr><td></td><td></td><td><table>
<tr><td></td><td>Supplier: M/s K.S. INTERNATIONAL FZE, PO Box 66632, Deira, Dubai, United Arab Emirates. Regd. Office- Rak Free Trade Zone, BC2, Business Park, Office No.327, Ras Al. Khaima, United Arab Emirates.</td><td>Supplier: M/s K.S. INTERNATIONAL FZE, PO Box 66632, Deira, Dubai, United Arab Emirates. Regd. Office- Rak Free Trade Zone, BC2, Business Park, Office No.327, Ras Al. Khaima, United Arab Emirates.</td></tr>
<tr><td>5</td><td>Manufacturer: - M/s DUC GIANG LAO CAI CHEMICALS LIMITED COMPANY, Tang Loong Industrial Zone, BaoThang, Dist. Lao Cai Province, Vietnam.
Supplier: M/s K.S. INTERNATIONAL FZE, PO Box 66632, Deira, Dubai, United Arab Emirates. Regd. Office- Rak Free Trade Zone, BC2, Business Park, Office No.327, Ras Al. Khaima, United Arab Emirates.</td><td>Manufacturer: - M/s DUC GIANG LAO CAI CHEMICALS LIMITED COMPANY, Tang Loong Industrial Zone, Tang Loong Commune, Lao Cai Province, Vietnam.
Supplier: M/s K.S. INTERNATIONAL FZE, PO Box 66632, Deira, Dubai, United Arab Emirates. Regd. Office- Rak Free Trade Zone, BC2, Business Park, Office No.327, Ras Al. Khaima, United Arab Emirates.</td></tr>
</table></td><td></td><td></td></tr>
<tr><td>3</td><td>EN-56011 Sandhya Organic Chemicals Pvt. Ltd.</td><td>Approved the Request for deletion of supplier in Import Permit for Yellow Phosphorous<table>
<tr><th>S. No. in Import Permit</th><th>Old supplier address in the Import Permit</th><th>Add (New) Supplier address requested in the Import Permit</th></tr>
<tr><td>1</td><td>Manufacturer: M/s NDPP Limited Liability Partnership 126, Abaya Avenue, Zhambyl Region, Taraz 080000, Republic of Kazakhstan
Supplier: KS INTERNATIONAL FZE PO Box 66632, Deira, Dubai, UAE. Regd. Office -</td><td>Manufacturer and Supplier: M/s NDPP Limited Liability Partnership Dostyk Avenue, Building 85A, Block 1, Office 429, Medeu District, Almaty 050000, Republic of Kazakhstan</td></tr>
</table></td><td>Yellow Phosphorous</td><td>Import Permit Number 642/462/2025 dated 03.07.2025 valid upto 20.03.2026</td></tr>
</table>

<table>
<tr><td></td><td></td><td><table><tr><td></td><td>RakFree Trade Zone, BC2, Business Park, Office No. 327, RasAlKhaima, UAE</td><td></td></tr></table></td><td></td><td></td></tr>
<tr><td>4</td><td>EN-56235 BENZO CHEM INDUSTRIES PRIVATE LIMITED</td><td>Approved for Extension of validity of Import Permit for six months</td><td>Sodium Cyanide</td><td>Import Permit Number 568/460/2024 dated 23/12/2024 valid upto 20/12/2025</td></tr>
<tr><td>5</td><td>EN-56262 Grauer& Weil (India) Limited</td><td>Approved the Endorsement of change and Addition of source of import in the Import Permit for Boric Acid, subjected to on-site verification of stock and consumption and end use of Boric Acid as claimed in the Import Permit, by a team of Officers.Geo-tagging of premises where Boric Acid is intended to be stored to be done.

1. Change in Existing Source of import:<table><tr><th>Sl. No. Import Permit</th><th>Existing Source of import</th><th>Proposed New source of import</th></tr><tr><td>1 (iv)(3)</td><td>M/s Trigon Gulf FZCO,
PO Box 61468, Jebel Ali, Dubai, United Arab Emirates</td><td>M/s Rare Mines FZCO, Address: Unit No. 1707, Indigo Icon, Jumeriah Lake Towers, Dubai, UAE.</td></tr></table>2. Addition of 2 new Sources of Import/manufacturer after Sl. No. 1(iv)3:<table><tr><th>Sl. No. Import Permit</th><th></th></tr><tr><td>1 (iv)(4)</td><td>ETI MadenIsletmeleri Genet MudurluguKizilirmark, Mah.1443. Cad. No. 5 Cukurambar-Cankaya, Ankara 06530, Turkiye</td></tr><tr><td>1 (iv)(5)</td><td>M/s Bromochemie (India) Private Limited, Address: Warehouse No.1,3 & 5, NSBP-FTWZ, Sector-4, JNPA SEZ, Village-Sawarkhar, Taluka-Uran, Dist-Raigad, Maharashtra-400707</td></tr></table></td><td>Boric Acid</td><td>Import Permit Number: 744/465/2025 dated 20.08.2025 valid upto 16.08.2026</td></tr>
<tr><td>6</td><td>EN-56395 EXCEL INDUSTRIES LIMITED</td><td>Approved for Endorsement for Change in Source & Supplier Name & Address in the Import Permit:</td><td>Yellow Phosphorus</td><td>IMPORT PERMIT No.666/463/2025 dated 16.05.2025</td></tr>
</table>

			S. No.	**Old name and address of the Import Source Name**	**Change (New) Name and address of the Import Source**		valid upto 14.05.2028
			1	Manufacturer: M/s VIET NAM APATITE - PHOSPHORUS JOINT STOCK COMPANY Tang Loong Industrial Zone, BaoThang District, Lao Cai Province, Vietnam Supplier: M/s K.S. INTERNATIONAL FZE, PO Box 66632, Deira, Dubai, United Arab Emirates. Regd. Office- Rak Free Trade Zone, BC2, Business Park, Office No.327, Ras Al. Khaima, United Arab Emirates.	Manufacturer: M/s VIET NAM APATITE - PHOSPHORUS JOINT STOCK COMPANY, Tang Loong Industrial Zone, Tang Loong Commune, Lao Cai Province, Vietnam Supplier: M/s K.S. INTERNATIONAL FZE, PO Box 66632, Deira, Dubai, United Arab Emirates. Regd. Office- Rak Free Trade Zone, BC2, Business Park, Office No.327, Ras Al. Khaima, United Arab Emirates.		
			2	Manufacturer & Supplier: M/s VIETPHOS, VIETNAM YELLOW PHOSPHORUS CO., LTD. Tang Loong Industrial Zone, BaoThang, Lao Cai, Vietnam	Manufacturer& Supplier: M/s VIET NAM YELLOW PHOSPHORUS CO., LTD. Tang Loong Industrial Zone, Tang Loong, Lao Cai, Viet Nam		
			3	Manufacturer: M/s ESACO LAOCAI CORPORATION Tang Loong Industrial Zone, BaoThang district, Lao Cai, Vietnam. Supplier :- M/s Itochu Chemical Frontier Corporation 1-3, Umeda 3- Chome, Kita-Ku, Osaka, Osaka 5300001, Japan	M/s ESACO LAO CAI CORPORATION Tang Loong Industrial Zone, Tang Loong, Lao Cai, Vietnam Supplier: M/s ITOCHU CHEMICAL FRONTIER CORPORATION,1-3, Umeda 3- Chome, Kita-Ku, Osaka, Osaka 5300001. Japan.		
			4	Manufacturer: M/s NDPP Limited Liability Partnership 126, Abay Avenue, Taraz 080000, Zhambyl Region, , Republic of Kazakhstan	Manufacturer and Supplier: M/s NDPP Limited Liability Partnership Dostyk Avenue, Building 85A, Block 1, Office 429, Medeu District, Almaty		

			Supplier: M/s K.S. INTERNATIONAL FZE, PO Box 66632, Deira, Dubai, United Arab Emirates. Regd. Office- Rak Free Trade Zone, BC2, Business Park, Office No.327, Ras Al. Khaima, United Arab Emirates.	050000, Republic of Kazakhstan		
		5	Manufacturer: - M/s DUC GIANG LAO CAI CHEMICALS LIMITED COMPANY, Tang Loong Industrial Zone, BaoThang, Dist. Lao Cai Province, Vietnam. Supplier: M/s K.S. INTERNATIONAL FZE, PO Box 66632, Deira, Dubai, United Arab Emirates. Regd. Office- Rak Free Trade Zone, BC2, Business Park, Office No.327, Ras Al. Khaima, United Arab Emirates.	Manufacturer: - M/s DUC GIANG LAO CAI CHEMICALS LIMITED COMPANY, Tang Loong Industrial Zone, Tang Loong Commune, Lao Cai Province, Vietnam. Supplier: M/s K.S. INTERNATIONAL FZE, PO Box 66632, Deira, Dubai, United Arab Emirates. Regd. Office- Rak Free Trade Zone, BC2, Business Park, Office No.327, Ras Al. Khaima, United Arab Emirates.		
7	EN-56805	Approved the Endorsement for **deletion of Supplier Name & addition of sources in the Import Permit** of Yellow Phosphorous subjected to on-site verification of stock and consumption and end use of Yellow Phosphorous as claimed in the Import Permit, by a team of Officers.Geo-tagging of premises where Yellow phosphorous is intended to be stored to be done. **Request for deletion of Supplier Name & addition of sources in the Import Permit** **S. No. in existing Import Permit** / **Existing Detail in Permit (To be Deleted/Amended)** / **Proposed Amendment / Nature of Change** **1** / M/s Itochu Chemical Frontier Corporation1-3 Umeda 3-Chome, Kita-ku, Osaka-530-0001, Japan / **DELETE** (Please remove this supplier from the approved list)		Yellow Phosphorus	Import Permit No. 631/462/2025 dated 21.03.2025. valid upto 19.03.2026

			2	M/s Toyota Tsusho Corporation3-13 Konan 2-Chome, Minato-ku,Tokyo – 1088208, Japan	**DELETE** (Please remove this supplier from the approved list.)			
			3	M/s VIET NAM APATITE - PHOSPHORUS JOINT STOCK CO. Tang Looonglndustrial Zone, Dist.LaoCai Province, Vitenam.	**Manufacturer**: Viet Nam Apatite – Phosphorus Joint Stock Company Tang Loong Industrial Zone, Tang Loong Commune, Lao Cai Province, Vietnam **Supplier**: M/s K.S International FZERegistered Office: RAK Free Trade Zone, BC2, Business Park Office No. 327, Ras Al Khaimah, UAE			
			4	M/s VIET NAM YELLOW PHOSPHORUS CO LTD. Tang Looonglndustrial Zone, BaoThang, Vitenam.	**No change required**			
			5	M/s K.S International FZEP.O. Box 66632, Deira, Dubai, United Arab Emirates **(Supplier)**	**To be deleted as a supplier**			
				NDPP Limited Liability Partnership (formerly NDFZ LLP) Dostyk Avenue, Building 85A, Block 1, Office 429, Medeu District, Almaty – 050000, Republic of Kazakhstan	**To be added as a manufacturer and supplier**			
				Manufacturer: DucGiang Lao Cai Chemicals Limited Company Tang Loong Industrial Zone, Tang Loong Commune, Lao Cai Provision, Vietnam **Supplier**: M/s K.S International FZERegistered Office: RAK Free Trade Zone, BC2, Business Park Office No. 327, Ras Al Khaimah, UAE	**To be added**			

8	EN-56563 Ramco Organics	Approved the Endorsement of change of source of import in the Import Permit for Thiourea, subjected to on-site verification for stock and consumption and end use of Thiourea as claimed in the Import Permit, by a team of Officers.Geo-tagging of premises where Thiourea is intended to be stored to be done. Old Source of Import:- M/s Farmasino Co. Ltd., Building 5, No.9 Weidi Road, Nanjing (210033), China R&D Center: No 9, Weidi Road, Nanjing, Jiangsu Province, China, Plant: Wujiang Fine Chemical Base, Hexian, Anhui, China. New Source of Import: Manufacturer: Shandong Super Energy Industrial Company Address: Guangrao, Shandong, China Supplier: Levachem Co., Ltd. Unit-1: 21st Fl, Universal Mansion 188 Guang Zhou Road, Nanjing-210024, China Unit-2: LG 1, Mirror Tower, 61 Mody Road TSIM SHA TSUI, KL, Hongkong	Thiourea	Import Permit Number: IMPORT PERMIT NoNo.620/461/2025 dated 27.02.2025 valid upto 26.02.2026
9	EN-56553 Sandhya Organic Chemicals Private Limited	Approved This application refers to corrections in the Endorsement Application no. EN-55437/2025 dated 28.10.2025 which was approved in 467th RC. There is just typhographical error of two words: to and supplier, which shall be amended in the Endorsement Certificate.	Yellow Phosphorus	IMPORT PERMIT No.745/465/2025

Annexure- 10.57.1

Decision of deferred cases

Sr. No	Application No	Application No	Product name	Status
1.	441001-TIM/9(4) 2023	Dharmaj Crop Guard Limited	Mesotrione technical 98% w/w min.	Approved
2.	424613-TIM/9(4)2023	Best Crop Science Pvt. Ltd.,	Mesotrione technical 98% w/w min.	Approved
3.	435804-TIM/9(4)2023	Willowood Industries Ltd.,	Dinotefuran technical 97% w/w min	Approved
4.	426208-TIM/9(4)2023	Hemani Industries	Glufosinate ammonium 50% Technical Concentrate w/w min.	Approved
5.	337859-TIM/9(4)2022	Future Chem Agro Pvt. Ltd.,	Penoxasulam technical 98% w/w min.	Approved
6.	311009-TIM/9(4)2022	Gujarat Pesticides	Glufsoinate ammonium technical 50% min.w/w min	Approved
7.	186392	Indus FinechemLLP,	Pymetrozine technical 98% w/w min.	Approved
8.	165502	Willowood Chemicals Pvt. Ltd.,	Metribizin technical 88% w/w min.	Approved
9.	307943-TIM/9(4)2022	M/s Future Chem Agro Pvt. Ltd.	Thiamethoxam technical 97% w/w min.	Approved
10.	191551	M/s Indus Finechem LLP	Pyriproxxyfen technical 98% w/w min.	Approved
11.	192214	M/s Mahamaya Life Science Pvt. Ltd.,	Captan technical 90% w/w min.	Approved
12.	307552-TIM/9(4)2022	M/s Agroaids Pesticides	Hexaconazole technical 92% w/w min.	Approved
13.	437406-TIM/9(4)2023	M/s Agrico Organics Ltd.,	Chlorantraniliprole technical 93% w/w min.	Approved
14.	438729-TIM/9(4)2023	M/s Agrisol (India) Pvt. Ltd.	Chlorantraniliprole technical 93.6% w/w min.	Approved

15.	435553-TIM/9(4)2023	M/s Agrow Allied Ventures Pvt. Ltd.	Ethiprole technical 94.5% w/w min.	Approved
16.	438399-TIM/9(4)2023	M/s Bheema Fine Chemicals Pvt. Ltd.,	Tembotrione technical 94% w/w min.	Approved
17.	444483-TIM/9(4)2024	M/s Cropnosys India Pvt. Ltd.,	Dithianon technical 93% w/w min.	Approved
18.	444487-TIM/9(4)2024	M/s Cropnosys India Pvt. Ltd.,	Dicamba technical 97% w/w min.	Approved
19.	413307-TIM/9(4)2023	M/s Crystal Crop Protection Ltd.,	Propineb technical 80% w/w min.	Approved
20.	438151-TIM/9(4)2023	M/s Crystal Crop Protection Ltd.,	Penoxaden technical 95% w/w min.	Approved
21.	438432-TIM/9(4)2023	M/s Deccan Fine Chemical (India) Pvt. Ltd.,	Picoxystrobin technical 93% w/w min.	Approved
22.	308096-TIM/9(4)2022	M/s Future Chem Agro Pvt. Ltd.,	Thiophante methyl technical 94% w/w min.	Approved
23.	306299-TIM/9(4)2022	M/s Future Chem Agro Pvt. Ltd.	Chlorantraniliprole technical 93% w/w min.	Approved
24.	311013-TIM/9(4)2022	M/s Gujarat Pesticides	Penoxasulam technical 98% w/w min.	Approved
25.	184256	M/s Indus Finechem LLP,	Thiamethoxam technical 97% w/w min.	Approved
26.	187704	M/s Indus Finechem LLP	Paclobutrazole technical 95% w/w min.	Approved
27.	435111-TIM/9(4)2023	M/s Krishi Rasayan Export Pvt. Ltd.	Tebuconazole technical 95% w/w min.	Approved
28.	131493	M/s Samradhi Crop Chemicals Pvt. Ltd.,	Pymetroozine technical 98% w/w min.	Approved
29.	434318-TIM/9(4)2023	M/s Shalvis Specialties Ltd.	Chlorantraniliprole technical 93% w/w min.	Approved
30.	178126	Willowood Chemicals Ltd.,	Penconazole technical 97% w/w min.	Approved
31.	306395-TIM/9(4)2022	Future Chem Agro Private Limited	DINOTEFURAN TECHNICAL 97.00% Min.	Approved

32.	442187-TIM/9(4)2024	GSP Crop Science Limited	Spiromesifen technical 96.5% w/w min. for	Approved
33.	438807-TIM/9(4)2023	Heranba Industries Limited	Propaquizafop Technical 91.00 % w/w Min.	Approved
34.	424490-TIM/9(4)2023	MAHAMAYA LIFESCIENCES LTD.	THIOCYCLAM HYDROGEN OXALATE TECHNICAL 86% w/w Min. for	Approved
35.	435737-TIM/9(4)2023	NACL Industries Limited	TRIFLOXYSTROBIN TECHNICAL 96.00% W/W MIN.	Approved
36.	427368-TIM/9(4)2023	Sandhya Organic Chemicals Pvt. Ltd.	Bifenthrin Technical 92% w/w min. for	Approved
37.	436278-TIM/9(4)2023	Willowood Industries Pvt. Ltd.	Mesotrione Technical 98.00% w/w min.	Approved
38.	383280-TIM/9(4)2022	Nitapol Industries	Diflubenzuron technical 95% w/w min.	Approved
39.	175676	Agro Lifescience Corporation	Propargite Technical 90% min.	Approved
40.	183897	Agastya Agro Ltd.,	Lambda cyhalothrin technical 84% w/w min.	Approved
41.	438785-TIM/9(4)2023	Agrisol (India) Pvt. Ltd.,	Carfentrazone ethyl technical 94% w/w min.	Approved
42.	446869-TIM/9(4)2024	Agro Allied Ventures Pvt. Ltd.,	Pyrithobac sodium technical 90% w/w min.	Approved
43.	442718-TIM/9(4)2024	Sudarshan Farm Chemicals India Pvt. Ltd.	Diafenthuron technical 96% w/w min.	Approved
44.	440328-TIM/9(4)2023	Sudarshan Farm Chemicals India Pvt. Ltd.	Boscalid technical 96% w/w min.	Approved
45.	443200-TIM/9(4)2024	Sudarshan Farm Chemicals India Pvt. Ltd.	Novaluron technical 96% w/w min.	Approved
46.	442695-TIM/9(4)2024	Sudarshan Farm Chemicals India Pvt. Ltd.	Kresoxim methyl technical 94% w/w min.	Approved

47.	442701-TIM/9(4)2024	Sudarshan Farm Chemicals India Pvt. Ltd.	Pyrithiobac sodium technical 90% w/w min.	Approved
48.	443004-TIM/9(4)2024	Sudarshan Farm Chemicals India Pvt. Ltd.	Pyraclostrobin technical 97% w/w min.	Approved
49.	442703-TIM/9(4)2024	Sudarshan Farm Chemicals India Pvt. Ltd.	Oxyfluorfen technical 97% w/w min.	Approved
50.	440314-TIM/9(4)2023	Sudarshan Farm Chemicals India Pvt. Ltd.	Ametryn technical 95% w/w min.	Approved
51.	440343-TIM/9(4)2023	Sudarshan Farm Chemicals India Pvt. Ltd.	Bispyribac sodium technical 95% w/w min.	Approved
52.	442728-TIM/9(4)2024	Sudarshan Farm Chemicals India Pvt. Ltd.	Cyazofamid technical 95% w/w min.	Approved
53.	442697-TIM/9(4)2024	Sudarshan Farm Chemicals India Pvt. Ltd.	Mesotrione technical 98% w/w min.	RC rejected the application as one of the reported impurities was found to be above the maximum acceptable limit, as indicated in the ATR received from CIL.
54.	183996	Gujarat Pesticides,	Lambdacyhalothrin technical 84% w/w min.	Approved
55.	180235	Hindustan Pesticides and Chemicals	Tebuconaozle technical 95% w/w min.	Approved
56.	350346-TIM/9(4)2022	Indus Finechem LLP,	Metribuzine technical 88% w/w min.	Approved
57.	173131	Sai Ram Agritech Pvt. Ltd.,	Tebuconazole technical 95% w/w min.	Approved
58.	310908-TIM/9(4)2022	ShivalikRasayan Ltd.,	Clomazone technical 90% w/w min.	Approved

59.	441674-TIM/9(4)2024	Tara Crop Care Pvt. Ltd.	Lambda cyhaltorhin technical 84% w/w min.	Approved
60.	441672-TIM/9(4)2024	Tara Crop Care Pvt. Ltd.,	Chlorantraniliprole technical 93% w/w min.	Approved
61.	333759-TIM/9(4)2022	Vizien Organics	Chlorantraniliprole technical 93% w/w min.	Approved
62.	168362	Willowood Industries Ltd.,	Fenoxaprop-p-ethyl technical 88% w/w min.	Approved
63.	434247-TIM/9(3)2023	Tagros Chemical India Pvt. Ltd.,	Methoxyfenozide technical 97.50% w/w min.	Approved
64.	431258-TI/9(3)2023	Rainbow Agrosciences Pvt. Ltd.,	Azoxystrobin technical 98% w/w min	Approved
65.	439687-TI/9(3)2023	Rainbow Agrosciences Pvt. Ltd.,	Prochloraz technical 97% w/w min.	Approved
66.	178242	Willowood Industries Ltd.,	Epoxiconazole technical 97% w/w min.	Approved

Annexure-10.77.1

List of Free Sale Certificates

S.No	Application No	Endorsement type	Company Name	Product Name
1	EN-56528	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Superform Chemistries Limited	Novaluron Technical 98. 5% Min
2	EN-56531	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Superform Chemistries Limited	Novaluron Technical 98. 5% Min
3	EN-56556	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	NACL SPEC-CHEM LIMITED	Profenofos Technical 95% Min
4	EN-56576	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Bayer CropScience Limited	Ethiprole 9.71% w/w SC
5	EN-56575	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Bayer CropScience Limited	DELTAMETHRIN 25% + IMIDACLOPRID 50% WG
6	EN-56581	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	Atul Limited	2,4-D Amine salt 720 g/l Acid SL
7	EN-56872	FREE SALE CERTIFICATE FOR SOLE PURPOSE OF EXPORT	KRISHI RASAYAN EXPORTS PVT. LTD.	Profenofos 40% + Lambdacyhalothrin 1.5% EC
8	EN-56449	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Indogulf Cropsciences Limited	Emamectin Benzoate 5% SG
9	EN-56489	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Indofil Industries Limited	Azoxystrobin 8.3% + Mancozeb 66.7% w/w WG
10	EN-56503	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Vanguard Kemagro Private Limited	Cypermethrin 10% E.C.
11	EN-56526	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Superform Chemistries Limited	Novaluron Technical
12	EN-56558	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Meghmani Industries Limited	Propiconazole Technical 88.00% w/w min.
13	EN-56557	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Meghmani Industries Limited	Diuron Technical 98.00% w/w min.
14	EN-56663	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Meghmani Organics Limited	CYPERMETHRIN-25% EC
15	EN-56736	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Leeds Life Sciences Private Limited	Sulphur 80% WDG
16	EN-56861	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	GSP Crop Science Limited	Pymetrozine 50% WG
17	EN-56793	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	DIAFENTHIURON 47% + BIFENTHRIN 9.4% SC
18	EN-56791	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	ACEPHATE 25% + FENVALERATE 3% EC

19	EN-56787	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	FOMESAFEN 12% + QUIZALOFOP ETHYL 3% SC
20	EN-56786	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	Boscalid 25.2% + Pyraclostrobin 12.8% WG
21	EN-56782	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	QUIZALOFOP ETHYL 4% + OXYFLUORFEN 6% EC
22	EN-56889	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Shogun Organics Limited	Transfluthrin Technical
23	EN-56781	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	PENOXSULAM 1% + PENDIMETHALIN 24% w/w SE
24	EN-56908	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	Azoxystrobin 7.5% + Tebuconazole + 12% + Isoprothiolane 12% w/w SE
25	EN-56906	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	SPIROTETRAMAT 11.01 % + IMIDACLOPRID 11.01% SC
26	EN-56905	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	Metalaxyl 8% + Mancozeb 64% WP
27	EN-56780	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	DIAFENTHIURON 40.1% + ACETAMIPRID 3.9% WP
28	EN-56903	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	Mesotrione 2.27%+ Atrazine 22.7% SC
29	EN-56901	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	Dinotefuran12%+Thiamethoxam 22.5%+Pymetrozine 30% w/w WG
30	EN-56880	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	Propiconazole 13.9% w/w + Difenoconazole 13.9% w/w EC
31	EN-56879	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	PROPARGITE 50% + BIFENTHRIN 5% SE
32	EN-56878	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	HEXACONAZOLE 5% + VALIDAMYCIN 2.5% SC
33	EN-56877	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	JU AGRI SCIENCES PRIVATE LIMITED	Iprodione 25% + Carbendazim 25% WP
34	EN-55934	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	IPL Biologicals Limited	Bacillus subtilis 5% SP
35	EN-56361	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	Indogulf Cropsciences Limited	Deltamethrin 2.5% EC
36	EN-56886	FREE SALE CERTIFICATE FOR USE IN INDIA AS WELL AS FOR EXPORT	GSP Crop Science Limited	Hexaconazole Technical 92.00% Min.

Annexure 1.80.1

A: Applications for Import Permit of Dual Use Insecticides

Sr. No.	Application No. and Applicant's Details	Name of the Chemical, Quantity approved and Use	Source of Import/Remarks
1	IM-1593 Dr.Reddys Laboratories Limited	Approved 120 kgs Boric Acid for manufacture of Boron Trifluoride Gas and Boron Tri Fluoride Ethyl Ether	**Source of Import:**Avantor Performance Materials, LLC 100 Matsonford Rd, Suite 200, Radnor, P A,19087, USA
2	IM-1524 M/s B Pankajkumar and Co.	Deferred for want of submission of DIC recommendation letter from applicant alongwith on-site verification and Geo-tagging of the premises where Thioureais intended to be stocked as mentioned in Form I by a team of Officers.	
3	IM-1611Meghmani Organics Limited	Approved 300 MT Sodium Cyanide for manufacture of Lambdacyhalothrin and Cyfluthrin Technical.	**Source of Import:** **1.** M/s Hebei Chengxin Co. Ltd., Yuanzhao Road, Yuanshi County Shijiazhuang City, Hebei Province-CHINA **2.** M/s Nippon Soda Co. Ltd., Shin-OhtemachiBlg., 2-1 2-Chome Ohtemachi Chiyoda-Ku, Tokyo-1008165(JAPAN) Supplier: M/s Sojitz Corporation 1-1, Uchisaiwaicho 2-Chome Chiyoda-Ku, Tokyo-100-8691(JAPAN). **3.** LučebnízávodyDraslovkaa.s. Kolín, Street and No.: Havlíčkova 605 City: Kolin- ZIP code: 280 02 Country: Czech Republic **4.** CyPlus GmbH – Röhm Group, Deutsche-Telekom-Allee 9 64295 Darmstadt Germany. **5.** M/s Aki Shokai Co; Ltd., 205 Freedio, 2-8-11 Shiba – Diamon Minato- Ku, Tokyo 105-0012, JAPAN
4	IM-1595 SYMRISE PRIVATE LIMITED	Approved 20 MT CITRAL for use in the manufacturing of oriental woods	**Source of Import:**

		supreme &orangette ultra splash MOD	1) NHU (HONGKONG) TRADING COMPANY LIMITED UNIT 1 27/F W50 50 WONG CHUK HANG ROAD HK 2) SYMRISE AG MUEHLENFELDSTRASSE 1| 37603 HOLZMINDEN| GERMANY / PHONE 3) SYMRISE ASIA PACIFIC PTE LTD ADDRESS 226 PANDAN LOOP, SINGAPORE 128412 4) SYMRISE, S DE R.L. DE C.V AV. REPÚBLICA MEXICANA N.200 COL GARZA CANTÚ. SAN NICOLÁS DE LOS GARZA N.L C.P 66480 MÉXICO 5) SYMRISE INC 300 North Street TETERBORO NJ NJ 07608 UNITED STATES OF AMERICA
5	IM-1635 NISHANT AROMAS PRIVATE LIMITED	Approved 250 MT Citral for manufacturing of Perfumery Compounds and Fragrance Chemicals	**Source of Import:** Nagase & Co., Ltd., TOKIWABASHI TOWER, 2-6-4, OTEMACHI ,CHIYODA-KU, TOKYO 100-8142 JAPAN
6	IM-1634 Deccan Fine Chemicals(India) Pvt Ltd	Repeat entry. Already mentioned at Sl. No. 14 in Part 1	
7	IM-1639Superform Chemistries Limited	Approved 5100 MT Yellow Phosphorus for manufacture of Red Phosphorus, Aluminum Phosphide and Zinc phosphide	*Source of Import:* 1. Manufacturer & Supplier: NDPP Limited Liability Partnership, Zhambyl Region, Kazakistan 2. Manufacturer : Esaco Lao Cai Corporation, Tangloong Industrial Zone BaoThang, Lao Cai, Vietnam and Supplier: Itochu Corporation, 1-3 Umeda, Osaka, Japan 1. Manufacturer : Vietnam Apatite Phosphorus Joint Stock Company, Tangloong Industrial Zone BaoThang , Lao Cai, Vietnam Supplier : K.S. International, RAK Free Trade Zone, BC2 business Park, Office no 327, RAS AL Khaima, UAE

			2. Manufacturer : NDPP Limited Liability Partnership, Zhambyl Region, Kazakistan Supplier : K.S. International, RAK business center, Ras AL Khaima, UAE 3. Manufacturer : DucGiang Lao Cai Chemicals Company Limited, Tangloong Industrial Zone BaoThang, Lao Cai, Vietnam Supplier : K.S. International, RAK Free Trade Zone, BC2 business Park, Office no 327, RAS AL Khaima, UAE
8	IM-1641 M/s. Alliance Chemical Industries	Approved 1500 MT NITROBENZENE 99.5% to be used in Manufacturing of 1) Metanilic Acid 2) Aniline 2,5 Disulphonic Acid	*Source of Import:* ***1.*** *EXOCHEM (HK) LIMITED, 812, Silvercord, Tower 1, 30 Canton Road, Tsimshatsui, Kowloon, Hong Kong.* ***2.*** *M/s DONGYUNG CORPORATION, Room No. #602,437, Teheran-ro, Gangnam-gu, Seoul, 06158, Korea.*
9	IM-1650 JAGGO OVERSEAS	Deferred for want of submission of DIC recommendation letter from applicant alongwith on-site verification and Geo-tagging of the premises where Copper Cyanide is intended to be stocked as mentioned in Form I by a team of Officers.	
10	IM-1693AnupamRasayan India Ltd.	Approved 3000 MT Nitrobenzene for manufacturing of pharma intermediate p-dinitrobenzene/Meta dinitrobenzene	**Source of Import:** ***1.*** *Dongyung Corporation, Room no 303, 424 Hyoreong -RO SEOCHO -GU , SEOUL 137-861 KOREA* ***2.*** *Jiangsu Company Sinopec Chemical Commercial Holding Company LTD., F /26, Avic Technology Plaza , no 218 , Mid Longpan Road, QinhuaiDist . Nanging China*
11	IM-1638 GAIL INDIA LIMITED	Approved 264 MT DMDS-Dimethyl Disulphide to be used as a sulfiding agent in Gas Cracker Units for	**Source of Import:** ARKEMA Thiochimie, 420 Rued'Estienned' Orves, 92705 Colombes Cedex, France

		reducing coke formation during Ethylene Production.	
12	IM-1692Kalpataru Chemicals Private Limited	Approved 300 MT YELLOW PHOSPHORUS for use in the Manufacturing of Red phosphorus	*Source of Import:* ***1.*** *Manufacturer & Supplier: M/s Lao Cai Yellow Phosphorus Joint Stock Company, Tang Loong Town, BaoThang District, Lao Cai Province, Vietnam.* ***2.*** *Manufacturer & Supplier: M/s Victory Joint Stock Company Lot F21 Phung Hung Street, Dong Pho Moi Industrial Zone, Van Hoa Commune, Lao Cai City, Lao Cai Province, Vietnam.* ***3.*** *anufacturer: M/s DucGiang Lao Cai Chemicals Limited Company, Tang Loong Industrial Zone, BaoThang District, Lao Cai Province, Vietnam. Supplier: M/s K.S. International FZE, P. O. Box - 66632, Deira, Dubai, U.A.E. Regd. Office: RAK Free Trade Zone, BC2, Business Park, Office No. 327, Ras Al-Khaima, UAE.* *4.* *Manufacturer: M/s. Viet Nam Apatite - Phosphorus joint Stock Company, Tang Loong Industrial Zone, Tang Loong Commune, Lao Cai Province, Vietnam Supplier: M/s K.S. International FZE, P. O. Box -66632, Deira, Dubai, U.A.E. Regd. Office: RAK Free Trade Zone, BC2, Business Park, Office No. 327, Ras Al-Khaima, UAE.*
15	IM-1653 M/s Prasol Chemicals Limited	Approved 2600 MT Yellow Phosphorus 99% for manufacture of Phosphorus Pentasulphide	**Source of Import:**

			1. *MANUFACTURER & SUPPLIER: VIETNAM PHOSPHORUS JOINT STOCK COMPANY, TANG LOONG INDUSTRIAL ZONE Tang Loong Commune, LAO CAI PROVINCE VIETNAM* 2. *MANUFACTURER & SUPPLIER : NDPP Limited Liability Partnership, (EARLIER KNOWN AS KAZPHOSPHATE LLP)(NDFZ Limited Liability Partnership) Republic of Kazakhstan, Almaty City, Medeu District, Dostyk Avenue, Building 85A, Block 1, Office 429.* 3. *MANUFACTURER & SUPPLIER: Laocai Yellow Phosphorus Joint Stock Company, Tang Loong Industrial Zone, Tang Loong Commune, Lao Cai Province. Vietnam.* 4. *MANUFACTURERS : M/s DUC GIANG LAO CAI CHEMICALS LIMITED COMPANY, TANG LOONG INDUSTRIAL ZONE , Tang Loong Commune,, LAO CAI PROVINCE, VIETNAM* *SUPPLIER : M/s K S INTERNATIONAL FZE, RAK Free Zone, BC2, Business Park, Office No, 327, Al-Khaima, UAE* 5. *Manufacturer: - M/s Esaco Lao Cai Corporation, Tang Loong Industrial Zone, Bao Tang District Lao Cai Province, Vietnam*

			Supplier:- Itochu Chemical Frontier Corporation, 1-3 Umeda 3- Chome ,Kita – KU ,Osaka 530-0001 Japan
16	IM-1659 Indofil Industries Limited	Approved 100 MT Cyanamid L-500 (Hydrogen cyanamide) for manufacture of Dodine and its formulations.	**Source of Import:** AlzChemTrostberg GmbH, Dr.-Albert-Frank-Str. 32, 83308 Trostberg, Germany.
17	IM-1645 Tagros Chemicals India Private Limited	Approved 9000 MT Ethylene dichloride to be used in the manufacture of Sulfentrazone Technical	**Source of Import:** 1. *Sahara International Petrochemical Co (SIPCHEM), Saudi Arabia, P.O.Box 130 Khobar 31952 Kingdomof Saudi Arabia 31952 Saudi Arabia* 2. *M/s Jupiter Petochem DMCC, Unit No. 2203, DMCC Business Centre, Level No. 1, Jewellery &Gemplex 3, Dubai, United Arab Emirates* 3. *KOLMAR GROUP AG, MetalliBaarerstrasse 18 6300 zug . Switzerland* 4. *Tricon Energy Ltd., 777 Post Oak Blvd Suite 550 Houston Tex As 77056 U.S.A United States* 5. *M/s Blue Water Alliance JV LLP, The Offices at Park 10 – Phase II, 16290 Katy Freeway, Houstan TX 77094, USA*
18	IM-1668PharvinexChempharm Private Limited	Approved 100 MT Thiourea for manufacture of N-Propyl Mercaptan& N-Dodecyl Mercaptan	**Source of Import:**

			1. *Fortune Group Co. Ltd., West of Northwest Xin River, Louzi Village, Qidu Town, Linzi, Zibo, Shandong, China.* 2. *Zibo Haoyi Environmental Protection And Technology Co. Ltd., No. 6 Wantong Alley, Jinshan Town, Linzi, Zibo, Shandong, China.* 3. *Zhejiang Chemicals Import & Export Corporation, No.37, Qingchun Road, Hangzhou, 310009, China* 4. *Efirm New Material Co. Ltd., Boxing Economic Development Zone, Binzhou, Shandong, China.* 5. *Hangzhou Dawn Ray Pharmaceutical Ltd., 1613 Guangyin Building No. 42, E Fengqi Road, Hangzhou, 310012, China* 6. *Levachem Co., Ltd., Suning Universal Mansion, 188 Guangzhou Road, Nanjing 210024, China*

19	IM-1646 Tagros Chemicals India Private Limited	Approved 2475 MT Ethylene dichloride to be used in the manufacture Cypermethrin technical	*Source of Import:* 1. *Sahara International Petrochemical Co (SIPCHEM), Saudi Arabia, P.O.Box 130 Khobar 31952 Kingdomof Saudi Arabia 31952 Saudi Arabia* 2. *M/s Jupiter Petochem DMCC, Unit No. 2203, DMCC Business Centre, Level No. 1, Jewellery &Gemplex 3, Dubai, United Arab Emirates* 3. *KOLMAR GROUP AG, MetalliBaarerstrasse 18 6300 zug . Switzerland* 4. *Tricon Energy Ltd., 777 Post Oak Blvd Suite 550 Houston Tex As 77056 U.S.A United States* 5. *M/s Blue Water Alliance JV LLP, The Offices at Park 10 – Phase II, 16290 Katy Freeway, Houstan TX 77094, USA*
20	IM-1655 Tagros Chemicals India Private Limited	Approved 1000 MT Acrylonitrile to manufacture of Alphacypermethrin (AMT), Permethrin	**Source of Import:** 1. M/s. VINMAR INTERNATIONAL LLC., 16825 NORTHCHASE DRIVE SUITE 1400 HOUSTON TEXAS - 77060 UNITED STATES 2. M/s. TRICON ENERGY LTD 1500 POST OAK BLVD 18TH FLOOR HOUSTON TEXAS 77056 UNITED STATES 3. M/s. SINOCHEM INTERNATIONAL (OVERSEAS) PTE LTD 1 RAFFLES PLACE NO. HASH 59-00 ONE RAFFLES PLACE SINGAPORE 048616. 4. M/s. MARUBENI CORPORATION 4-2 OHTEMACHI 1-CHOME CHIYODAKU TOKYO 100-8088 JAPAN 5. M/s. COPAP TRADING INC 755 ST. JEAN BLVD. SUITE 305 POINTE-CLAIRE QUEBEC H9R 5M9 CANADA

22	IM-1671 Grauer& Weil (India) Limited	Approved 30 MT of Potassium Cyanidesubjected to on-site verification of stock and consumption and end use of Potassium Cyanideas claimed to be used for manufacturing of Metal finishing products to be done by a team of Officers. Geo-tagging of premises where Potassium Cyanide is intended to be stored as submitted in Form I to be done.	*Source of Import:* ***1.*** *CYPLUS GMBH, DEUTSCHE-TELEKOM-ALLEE 9 64295 DARMSTADT, GERMANY* ***2.*** *HEBEI CHENGXIN CO. LTD., YUANZHAO ROAD, YUANSHI COUNTY SHIJIAZHUANG CITY, HEBEI PROVINCE 051130, PR. CHINA* ***3.*** *LUCEBNI ZAVODY, DRASLOVKA A.S. KOLIN HAVLICKOVA 605 28002 KOLIN CZECH REPUBLIC*
23	IM-1636 Mysore Deep Perfumery House	Approved 300 MT Synthetic Camphor and Natural Camphor to be used in manufacturing of Camphor Tablets and Fragrance Manufacturing	**Source of Import:** 1. Jiaxing Barton Chemicals Inc., No. 162, Fu Ming Road, Hong He Town, Jiaxing, Zhejiang, China – 314023 2. Chongqing Transdream Technology Co. Ltd., Group 4/5, Ronggui village Fuling 408000 Chongqing, China 3. Shanghai Luckysea Chemical Co. Ltd., Room 118, Building 20, Hongxiang North RD Wanxiang Town Pudong, Shanghai, China 4. Fujian Nanping Green Pine Chemical Co. Ltd., No. 85, Taqian Road, Huiyao Industrial Park Jianyang, Fujian, China 354200 5. Ventos Essential Oil & Aromatics (Shanghai) Co., Ltd., Bldg. 6, No 630 Xingbang RD, Jiading Ind. Zone, Shanghai, China
24	IM-1663 ASIAN CHEMTECH PVT. LTD.	Deferred for want of submission of DIC recommendation letter from applicant alongwith on-site verification and Geo-tagging of the premises where Sodium Cyanide is intended to be stocked as mentioned in Form I by a team of Officers.	
25	IM-1660Pharvinex Life Science LLP	Approved 300 MT of Thiourea subjected to on-site verification of stock and consumption and end use of Thiourea as claimed to be used for manufacture of Benzyl Mercaptan to be done by a team of Officers. Geo-tagging of premises where Thioureais	Source of Import:

		intended to be stored as submitted in Form I to be done.	1. *Zibo Haoyi Environmental Protection And Technology Co. Ltd., No. 6 Wantong Alley, Jinshan Town, Linzi, Zibo, Shandong, China.* 2. *Farmasino Co. Ltd., Office: Building 5, No. 9 Weidi Road, Nanjing (210033) China R&D Center: No.9 Weidi Road, Nanjing, Jiangsu Province, China Plant: Wujiang Fine Chemical Base, Hexian Anhui, China* 3. *Zhejiang Chemicals Import & Export Corporation, No.37, Qingchun Road, Hangzhou, 310009, China* 4. *Efirm New Material Co. Ltd., Boxing Economic Development Zone, Binzhou, Shandong, China.* 5. *Levachem Co., Ltd., Suning Universal Mansion, 188 Guangzhou Road, Nanjing 210024, China* 6. *Fortune Group Co. Ltd., West of Northwest Xin River, Louzi Village, Qidu Town, Linzi, Zibo, Shandong, China.*
B: Applications for Import of Biocides			
1	IM-1614 Troy Chemical India Private Limited	Approved 100 MT Polyphase 2167 (Containing IPBC 10% w/w) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand
2	IM-1615 Troy Chemical India Private Limited	Approved 400 MT Polyphase PW40 (Containing IPBC 40% w/w) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand
3	IM-1617 Troy Chemical India Private Limited	Approved 1000 MT Troysan 243CR (Containing Diuron 28% w/w) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand

4	IM-1619 Troy Chemical India Private Limited	Approved 500 MT Troysan ZPT38 (Containing Zinc Pyrithione 38% w/w) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** 1. Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand 2. Troy Chemical Corporation, One Avenue L, Newark, New Jersey, 07105, USA.
5	IM-1621 Thor Chemicals India Private Limited	Approved 400 MT THOR DT (containing DCOIT 20% w/w) to be used as preservative for paints.	**Source of Import:** Thor Specialities (UK) Ltd. Wincham Avenue, Wincham, Northwich, Cheshire, CW9 6GB, United Kingdom
6	IM-1616 Troy Chemical India Private Limited	Approved 2000 MT Troysan 107 (Containing Carbendazim 19% w/w)to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** 1. Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand
7	IM-1632 SalusZen Additives India Pvt Ltd	Approved 500 MT Terbutryn Technical 98% Min. to be used as preservative for paints, for trading purpose	**Source of Import:** Jiangsu GuotaiGuomian Trading Co., 19-21/F, GuotaiBldg, Renmin Road (M), Zhangjiagang City, Jiangsu, China 215600
8	IM-1623Speciality Organics Pvt Ltd	Approved 600 MT Terbutryn Technical 98% Min. to be used as preservative for paints.	**Source of Import:** Jiangsu GuotaiGuomian Trading Co., 19-21/F, GuotaiBldg, Renmin Road (M), Zhangjiagang City, Jiangsu, China 215600
9	IM-1626Speciality Organics Pvt Ltd	Approved 25 MT DCOIT 98% Min. to be used as preservative for paints.	**Source of Import:** 1. Dalian Bio-chem Co. Ltd., Address: 10F, R&F, No. 6, Gangxing Road, ZhongshanDist, Dalian, China 2. Sinobio Chemistry Co Ltd., No. Address: No. 3, Gaoxin Street, Hi-Tech Industrial Zone, Dalian, China
10	IM-1649 LANXESS INDIA PVT LTD	Approved 50 MT Metasol TK 50 AD (Containing Thiabendazole) to be used as Preservative in Paints and	**Source of Import:** **1.** LANXESS SAS, 11, Avenue Dubonnet, Smart Parc Est, 92407 Courbevoie cedex, France

		Coatings on Paper, Adhesives, Plastics, Gypsum	**2.** LANXESS Corporation, 111 RIDC Park West Drive Pittsburg, PA, 15275, USA
11	IM-1648 LANXESS INDIA PVT LTD	Approved 20 MT Rocima 344 Microbicide (Containing DCOIT) to be usedfor Fungal protection of Specialty paper, Cardboards and Paints	**Source of Import:** Microbial Control (Switzerland) GmbH Hungerbüelstrasse 22, 8500 Frauenfeld Switzerland
12	IM-1685 Troy Chemical India Private Limited	Approved 1 MT Troysan 280CR (Containing Terbutryn) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** 1. Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand
13	IM-1684 Troy Chemical India Private Limited	Approved 1 MT Troysan 226CR (Containing Diuron and Carbendazim) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** 1. Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand
14	IM-1686 Troy Chemical India Private Limited	Approved 1 MT Troysan 283CR (Containing Isoproturon) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** 1. Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand
15	IM-1687 Troy Chemical India Private Limited	Approved 1 MT Troysan 622CR (Containing Diuron) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** 1. Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand
16	IM-1688 Troy Chemical India Private Limited	Approved 1 MT Troysan 717CR (Containing Diuron and Carbendazim) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** 1. Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand
17	IM-1689 Troy Chemical India Private Limited	Approved 1 MT Troysan 831CR (Containing Terbutryn and Isoproturon) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** 1. Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang

			Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand
18	IM-1690 Troy Chemical India Private Limited	Approved 1 MT Troysan S89CR (Containing Diuron and Carbendazim) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** 1. Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand
19	IM-1691 Troy Chemical India Private Limited	Approved 1 MT Troysan Z28CR (Containing ZPT) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** 1. Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand
20	IM-1662 Valtris Specialty Chemicals India Private Limited	**To be closed as application submitted in Duplicate**	--
21	IM-1661 Valtris Specialty Chemicals India Private Limited	**To be closed as application submitted in Duplicate**	--
22	IM-1667 Valtris Specialty Chemicals India Private Limited	Approved 70 MT INTERCIDE DBF 9 DINCH (Containing DCOIT)to be used as preservative in Leather Industries	**Source of Import:** Valtris Specialty Chemicals Ltd. (UK), Lankro Way Eccles Manchester M30 OLX, United Kingdom.
23	IM-1666 Valtris Specialty Chemicals India Private Limited	Approved 90 MT INTERCIDE DBF 10 DINP (Containing DCOIT)to be used as preservative in Leather Industries	**Source of Import:** Valtris Specialty Chemicals Ltd. (UK), Lankro Way Eccles Manchester M30 OLX, United Kingdom.
24	IM-1674 Thor Chemicals India Private Limited	Approved 300 MT THOR ATA 20 (containing Terbutryn) to be used as preservative for paints.	**Source of Import:** THOR GmbH, Landwehrstr, 1. 67346 Speyer, Germany
25	IM-1675 Thor Chemicals India Private Limited	Approved 300 MT THOR IPA 20 (containing IPBC) to be used as preservative for paints.	**Source of Import:** THOR GmbH, Landwehrstr, 1. 67346 Speyer, Germany
26	IM-1680 Arch Protection Chemicals Private Limited	Approved 5 MT Polyphase 862CR (Containing IPBC and Terbutryn) to be used as a Preservative in paint formulations by the paints industry.	**Source of Import:** 1. Troy Chemical Company B.V., Freundallee 9a, 30173 Hannover, Germany 2. Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang

			Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520, Thailand
27	IM-1681 Troy Chemical India Private Limited	Approved 5 MT Polyphase 763CR (Containing Diuron, Carbendazim and IPBC) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** 1. Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand 2. Arxada LLC, One Avenue L, Newark, New Jersey- 07105, USA
28	IM-1682 Troy Chemical India Private Limited	Approved 1 MT Polyphase IP20CR (Containing IPBC) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** 1. Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand
29	IM-1683 Troy Chemical India Private Limited	Approved 1 MT Polyphase PW30CR (Containing IPBC) to be used as a Preservative in paints formulations by the paints industry.	**Source of Import:** 1. Troy Siam Co. Ltd., 242 Soi. Chalongkrung 31, Lad Krabang Industrial Estate, Lamplatiew, Lad Krabang, Bangkok 10520 Thailand
C: Applications for Indigenous Manufacture of Biocide			
1	IM-1625 SPECIALITY ORGANICS PVT LTD	Approved 500 MT Alcance IB-97P (IPBC Technical 98% Min.)to be used to make formulations as preservatives for paint	Source of Technical: NA
2	IM-1622 Prom Biocides India Private Limited	Approved 500 MT PROMEX IPBC 30S (containing IPBC 30% w/w)to be used as a preservative for paint, oil and gas, Metal working fluid formulations	Source of Technical: M/s Paradise Health Care
3	IM-1624 SPECIALITY ORGANICS PVT LTD	Approved 1500 MTAlcance T48 (containing Terbutryn) to be used to make formulations as preservatives for paint and its allied industries.	Source of Technical: Jiangsu GuotaiGuomian Trading Co., Ltd., 19-21/F, Guotai Bldg., Renmin Road(M), Zhangjiagang City, Jiangsu, China 215600.
4	IM-1628 SalusZen Additives India Pvt Ltd	Approved 600 MT ProtecZen CZD (containing Carbendazim 35.5%) to be used as a preservative in paints.	Source of Technical: Carbendazim 98% Parijat Industries (1) Pvt Ltd, Regn No : CIR-49, 936/2005- Carbendazim (TI) (250)-1032

5	IM-1629 SalusZen Additives India Pvt Ltd	Approved 1000 MT ProtecZen D50 (containing Diuron 51%) to be used as a preservative in paints.	Source of Technical: Speciality Organics Pvt Ltd, Regn No: CIR 173309/2020- Diuron (Technical) (420)-5.
6	IM-1630 SalusZen Additives India Pvt Ltd	Approved 1200 MT ProtecZen DF Sure (containing Carbendazim 10% and Diuron 20%) to be used as a preservative in paints.	Source of Technical: Diuron 98%: Speciality Organics Pvt Ltd, RegnNo : CIR 173309/2020 - Diuron (Technical) (420)-5. B. Carbendazim 98 % Parijat Industries (I) Pvt Ltd, Regn No : CIR-49, 936/2005-Carbendazim (TI) (250)-1032
7	IM-1631 SalusZen Additives India Pvt Ltd	Approved 125 MT ProtecZen I30A (containing IPBC 30%) to be used as a preservative in paints.	Source of Technical: Dalian Bio-Chem Company Limited, 10F, R&F Center, No. 6,Gangxing Road, Zhongshan Districts, Dalian, China
8	IM-1633 SalusZen Additives India Pvt Ltd	Approved 1000 MT ProtecZen TB4852 (containing Terbutyrne 48%) to be used as a preservative in paints.	Source of Technical: Jiangsu GuotaiGuomian Trading Co., Ltd., 19-21/F, Guotai Bldg., Renmin Road(M), Zhangjiagang City, Jiangsu, China 215600.
9	IM-1538 SalusZen Additives India Pvt Ltd	Approved 125 MT ProtecZen DC dn10 (Containing DCOIT) to be used as a preservative in paints.	Source of Technical: DCOIT Technical manufactured in-situ at Speciality Organics Pvt. Ltd
10	IM-1656 Kumar Organic Product Limited	Approved 1500 MT Kopthione 40 % FPS (Containing Zinc Pyrithione 40 % FPS) to be used as preservative in paints.	Source of Technical: Own source
11	IM-1670 LANXESS INDIA PVT LTD	Approved 600 MT Preventol A 6-D (Containing Diuron)to be usedas a film preservative in water based decorative/architectural paints.	Source of Technical: Bharat Rasayan Limited

D: List of applications for amendment in import permit

S. No.	File No. and Name of Applicant	Category and Remarks	Product	Permit No
1	EN-56945 Chemster India Pvt Ltd	Request for Extension of validity of Import Permit Rejected. The applicant may submit fresh application for issue of Import Permit.	Yellow Phosphorus	Import Permit Number 435/456/2024 dated 24/06/2024 valid upto 17.06.2025, for import of 200 MT which was further extended upto 17.12.2025. The present application was submitted on 16.12.2025.
2	EN-56952 SANJAY	Request for Extension of validity of Import Permit	THIOUREA	Import Permit Number 619/461/2025 dated

	CHEMICALS INDIA PVT LTD	**Approved for extension of validity for six months**		27/02/2025 valid upto 24/02/2026, for import of 2000 MT.

ANNEXURE – 3.2.1

Template (Legal for Submission of applications for registration of insecticide)

Application Number: ----------

Category: 9(3B)/9(3)B/F/FIM/TIM/TI/FI, 9(4) TIM

Product Name: ----------

Company Name: M/s ----------

Sr No.	Characteristics	Details to be Inserted / Filled
1.	Form-I dully filled and signed, stamped and verified giving complete details along with requisite fee as applicable.	**Submitted** Insert name of the authorized person as per BOD/partnership deed/Affidavit in case of proprietorship along with the company ID
2.	Copy of BOD Resolution /Affidavit/Partnership deed (Notarized) as applicable	Submitted / Not Submitted
3.	Relevant Affidavit as required under the applicable guidelines duly photographed and executed in accordance with law (Notarized)	Submitted / Not Submitted
4.	Certificate as per category of Industry/ Manufacturing license (Notarized)	Submitted (Insert Date of Issue & the designation of the issuing competent authority) / Not Submitted
5.	PAN Card	Submitted (PAN Number: ----------)/ Not Submitted
6.	Aadhar Card of authorized Person	Submitted (Adhar Number: -------)/ Not Submitted
7.	Incorporation Certificate/ Proprietorship Affidavit/Partnership deed (Notarized) as applicable duly issued / executed in accordance with law	Submitted (Insert Date of Execution / Issuance etc)
8.	Proof of ownership / of manufacturing premises as mentioned in Form-1 duly executed in accordance with law (Notarized)	Submitted (Insert Date of Execution / Authority etc.)/ Not Submitted
9.	Any Other Relevant Information	Please mention (If any)

Template (Chemistry for Submission of applications for registration of Bio-pesticide)

Application Number: ----------

Category: 9(3b)B/F or 9(3)B/F

Product Name: Verticillium ***chlamydosporium*** **1.5%WP (Example)**

CFU Count: ---------- / gm or ml. Min.

Strain No.----------, Accession No----------

Company Name: M/s ABC Private Limited

Biopesticide Composition (Example): -

Chemical Composition (on per cent basis)	Qantity (%W/V)
Name of active ingredients	Verticillium *chlamydosporium* 1.5% CFU count per ml - 1 x 10^8 /ml
Adjuvant (other ingredients, in case of formulation)	-
Glycerine	15%
Aqueous base	Q.S.
Total	100%

The Data Requirements for Microbial Pest Control Agents (MPCA) Pesticides for Entomo-pathogenic/ Entomo-toxicBacteria/ AntagonisticBacteria/ Entomo-pathogenicFungi/ AntagonisticFungi/ Nuclear Polyhedrosis Virus (NPV) & Granulosis Virus (GV)

A. Chemistry:

Sr No.	Characteristics	Formulated product 9(3B)/ 9(3)B/F	Microbial (Antagonistic bacteria, Entomo-pathogenic/Entomo-toxic bacteria, Entomo-pathogenic fungi, Antagonistic fungi, and Baculovirus
10.	Form-I dully filled and signed giving complete details along with requisite fee as applicable (duly Notarized)	R	Submitted (Insert name and address of Company, Adress of premises, name of the authorized person as per BOD/partnership deed/Affidavit in case of proprietorship) Applicable Guidelines:449 RC Category: 9(3b)B/F or 9(3)B/F Strain of Inventor: --------
11.	Undertaking on bio-pesticides composition as Annexure (With duly photograph of the applicant)		Affidavit Submitted (Insert the designation of the issuing competent authority)
12.	Authorization letter from the inventor of strain OR undertaking by the applicant about the name of inventor/source of strain as per Annexure (With duly photograph of the applicant)		Affidavit Submitted or Authorization letter submitted Affidavit Submitted (Insert the designation of the issuing competent authority)
13.	Copy of depositing microbial bio-pesticides strain sample in National Repository with reference code number		Notarized Submitted (Insert Accession Information:, Issuing Authority & Designation):
14.	Systematic name (Genus and species)	R	Ex: Verticillium *chlamydosporium* 1.0% W.P (CFU count: 2x10^6/ gm min.)
15.	Strain name	R	Ex: IIHR-VC-3

16.	Common name, if any	R	
17.	Source of origin	R	Ex: *Applicant has submitted* Source of origin as Annexure-1.1 mentioned by the approved Affidavit format. They grow in the mesophilic temperature range with the optimal temperature between 25-35°C. submitted in biological and chemistry parameters folder
18.	Specification of the product containing Habitat, Physical appearance and morphological description, pH, particle size, suspensibility, miscibility etc parameters	R	Submitted (Insert Habitat, Physical appearance Morphology, pH, CFU, Percent content of the Biocontrol organism in the formulation & nature of biomass, Percentage of carrier/filler, wetting/ dispending agent, stabilizers/ emulsifiers, contaminants/ impurities Moisture content, suspensibility etc,
19.	Isolation of strain &Manufacturing process	R	**Example:** AIR /Water / Soil CROP ex rhizosphere zone (from where isolated) Process of Mfg: in brief
20.	Methods of analysis including Quantitativeanalysis Form and appearance	R*	**Example:** Submitted (Insert Habitat, Physical appearance Morphology, pH, CFU, Percent content of the Biocontrol organism in the formulation & nature of biomass, Percentage of carrier/filler, wetting/ dispending agent, stabilizers/ emulsifiers, contaminants/ impurities Moisture content, suspensibility etc,)
21.	Contaminants Biological	R	Should be Absent
	Pathogenic Contaminants: such as gram-negative bacteria *Salmonella, Shigella, Vibrio* etc.:		Should be Absent
	Other contaminants Chemical/botanical pesticides contaminants: absent.		Should not exceed $1x10^4$/ml or g
	Method of analysis: CFU counts by serial dilution and examination under regular compound research microscope with bright field optics.		Should be submit (Insert Procedure in brief) of the Biocontrol organism in the formulation &
	Plating for contaminants on specific media		Submitted (Insert percent information)
	Entomopathogenic capability on target insects by bioassay.		Should be submit (if required)
	An undertaking should be submitted that strain is indigenous, naturally occurring, not exotic in origin and not genetically modified as per Annexure-1.1.		Affidavit Submitted or Authorization letter submitted Affidavit Submitted (Insert the designation of the issuing competent authority)
22.	Shelf-life claims	R	Shelf-life -claim ---- years.
23.	Data on storage stability as per	NR/R	Example:

<table>
<tr><td></td><td>shelf life claims</td><td></td><td>Shelf-life:- The applicant has submitted the Shelf-life data for 0, 3, 6, 12, 18, 24, and 30 month and the same is generated from Lab M/s ABC Pvt. Ltd.,

Study Initiated date:
Study Completion date:
Report Date:

Batch No:
Date of manufacturing:
Date of Expiry:

<table><tr><td>Duration</td><td>Locations</td></tr><tr><td>0, 3, 6, 12, 18, 24, and 30 months</td><td>Mumbai ,Delhi, Coimbatore</td></tr></table>
Met Data: -
Mumbai:
Delhi:
Coimbatore:</td></tr>
<tr><td>24.</td><td>Composition of the product</td><td>R</td><td>Ex:<table><tr><td>Chemical Composition (on per cent basis)</td><td>Qantity (%W/V)</td></tr><tr><td>Name of active ingredients</td><td>Verticillium chlamydosporium 1.5%
CFU count per ml - 1 x 10^8 /ml</td></tr><tr><td>Adjuvant (other ingredients, in case of formulation)</td><td></td></tr><tr><td>Glycerine</td><td>15%</td></tr><tr><td>Aqueous base</td><td>Q.S.</td></tr><tr><td>Total</td><td>100%</td></tr></table></td></tr>
<tr><td>25.</td><td>Potency of product by bioassay method
(LC 50 (Beta, Delta ,Cry toxin endotoxin content, classification(delta endotoxin)</td><td>NR#</td><td>Ex: Required in the case of entomotoxic bacteria

(delta endotoxin) should not less than 2 %
Beta, Delta, Cryo toxin required as per the guidelines</td></tr>
<tr><td>26.</td><td>CFU/gm or ml</td><td>R</td><td>Ex: 2x10^6/ gm min.)</td></tr>
<tr><td>27.</td><td>POE/Capsule count per ml/g of the product</td><td>R%</td><td>these parameters are required for Virus.</td></tr>
<tr><td>28.</td><td>Adjuvants</td><td>R</td><td>Ex: Glycerine, Aqueous base etc (as mentioned in CC)</td></tr>
<tr><td>29.</td><td>Human pathogens (culture method)</td><td>R</td><td>Ex: Submitted in MoA (Insert name of pathogen if any)</td></tr>
<tr><td>30.</td><td>Percent content of the Bio-control mass/organism in the formulation & nature of biomass.</td><td>R</td><td>Ex: (Insert as mentioned in CC)</td></tr>
<tr><td>31.</td><td>Percentage of carrier/filler, wetting/ dispending agent, stabilizers/ emulsifiers,</td><td>R</td><td>Ex: if any i.e. Talc Powder (as mentioned in CC)</td></tr>
</table>

	contaminants/ impurities etc.		
32.	Moisture content	R	Should not more than 8% (Not applicable in case of liquid formulation)
33.	Contaminants: Pathogenic contaminants such as Salmonella, Shigella, Vibrio and such other microbial, not to exceed 1 x $1o^4$ count per ml or per g of formulation.	R	not to exceed 1 x $1o^4$ count per ml or per g of formulation.
34.	Undertaking for free from Chemical and botanical pesticide contaminants	R	Affidavit Submitted (Insert the designation of the issuing competent authority)
35.	Natural occurrence of the organism	R	**Example:** Naturally occurring bacteria, Strain IIHR-VC-3 was isolated from the rhizosphere soil of tomato collected from Dhamori Village, Ahmednagar, Maharashtra (GPS location: 19.5866 ° N, 74.8152° E) M/s IIHR It's a local isolate and Non-GMO Strain. The Strain was deposited with NCMR. (ITCC, IARI, New Delhi) as Safe Deposit and Accession Number allotted to the strain is ITCC 6888.
36.	PCR / Immunology assays ELISA Test	NR$	Ex: these parameters are required for Entomo-toxic bacteria.
37.	Separation and purification of crystals	NR	NR
38.	A sample for verification (500@ g or *500* @ mL as the case may be)		**Information and document to be submit wrt** Two samples of same batch of 500 gm/ml each along with copy of the Fee receipt shall be submitted to Central Insecticides Laboratory, Faridabad for PRV purpose by the applicant for Entomo-toxic bacteria.
	DNA fingerprinting for the strain verification from NBAIM, Maunath Bhanjan.	R	Acknowledgement slip from NBAIM, Mau, Uttar Pradesh (Insert Sample Submission date)
	PRV at Central Insecticide laboratory (CIL)	R	Acknowledgement slip from CIL, DPPQS, Faridabad (Insert Sample Submission date)

*Test procedure and criteria used for identification - morphology, biochemistry, serology/ Immunology for Entomo-toxic-bacteria.

#and$ these parameters are required for Entomo-toxic bacteria.
% these parameters are required for Virus.
@ Two samples of same batch of 500 gm/ml each along with copy of the Fee receipt shall be submitted to Central Insecticides Laboratory, Faridabad for PRY purpose by the applicant for Entomo-toxic bacteria.
POE/Capsule count per ml/g of the product only forNPV.

Viral unit: NPVs $lx10^9$ POB/ml or gm. minimum, GVs: $5x10^9$ capsules /ml or gm mmlmum.
Dual culture to attain at least 50% reduction in target organism (35% for antagonistic bacteria). Bioassay: based on diseased severity and rootcolonization.
Natural occurrence of the organism, Immunology assays: Elisa and Separation and purification of crystals are required for Entomo-toxicbacteria.

Test procedure and criteria used for identification by DNA test (Restriction enzymes analysis test).

Biological assays for determining the LC50 / LD50 of the formulation for Entomo-pathogenic Viruses. Production of Entomo-pathogenic Viruses at commercial- scale was done exclusively *in-vivo* by culturing large number of larvae of host insect and subsequently feeding them with semi-synthetic diet contaminated with virus inoculums in laboratory. Viruses' production *in-vitro* by culturing insect cells in bioreactors was a substitute for labor intensive maintenance of the massive host-insect colony.

Manufacturing process including type of fermentation and biological end products. The microbial cultures are multiplied by liquid solid fermentation. Information pertaining to use of entire mycelia mats with spores separated must be provided in terms of biomass.

Note:

1. Bt products should be labeled with bio potency and (or) toxin content. In addition, the labels will have to contain a measurement of toxin protein as percent protein, referring to the Lepidopteran-active toxin(s) present in thecrystal.
2. The presently used Bt var. kurstaki standard is HD- l-S-1980 and its potency was calculated at 16,000 IUs per milligram of powder (Beegle et al. 1986. Standardization of HD-1-S-1980: US Standard for Lepidopterous-active *Bacillus thuringiensis.* Bulletin Ent. Soc. America 32: 44-45.). This standard strain is now available with PDBC, Bangalore and DOR,Hyderabad.
3. Defined potency and toxin concentration - Bioassay would require the use of an insect species. Normally manufacturers could select *Trichoplusiani/ Helicovelpaarmigerafor* Lepidopteran specific Bt formulations. *Spodoptera* Units (SPU), *Leptinotarsa* Units (LTUs) or International Toxin Units (ITUs) are to be used for denoting a specificinsect.
4. No test for beta exotoxin is required for *Bacillus sphaericus,* because this species is not known to produceexotoxins.
5. The bio-potency of products based on *B. thuringiensis* subsp. *israelensis(Bti)* is compared against a reference strain IPS82, 1884 using early fourth-instar larvae of *Aedes aegypti* (strain Bora Bora). The toxicity of IPS82 has an arbitrarily assigned toxicity of 15,000 ITU/mgpowder.
6. The biopotency of products based on *B. sphaericus(Bsh)* is determined against a reference standard SPH88, strain 2362 using early fourth-instar larvae of Culex pippins (strain Montpellier). The toxicity of SPH88 has an arbitrarily assigned toxicity of 1,700 ITU/mg of the powder (Guidelines for laboratory and field testing of mosquito larvicides, WHO 2005 pp45).
7. The use of alternative bacterial reference powders and/ or strains must be approached cautiously. Such alternatives must be the subject of careful cross- calibration against the reference powders and should be conducted by recognized laboratories and should be made available to anyone who wishes to use, or check, the test with the altemativepowders/strains.
8. Water content should not exceed 8 %, (12% in *Pseudomonas spp)* to preclude premature degradation of theproduct.

ITU/mgpowder.

Annexure-1.1

UNDERTAKING BY MANUFACTURERS OF MICROBIAL PESTICIDES

I,----------,aged-------years, s/o----------, R/o-----
----------and----------of M/s.----------
----------Registered Office at----------
----------do hereby undertake as follows:

(a) That the product----------based on----------, Strain----------, manufactured by M/s.----------and /or imported by M/s.....does not contains any genetically modified organism (GMO) .

(b) That I/We shall abide by the provisions contained in the International Plant Protection Convention with regard to the import of this product.

(c) That I/We shall abide by the provisions in context of International Standards for Phyto-Sanitary Measures-Code of Conduct for the import and release of exotic biological control agents of the International Plant Protection Convention (IPPC), FAO, Rome.

(d) That I/We shall provide the samples of our----------product as and when desired by the competent authorities of Government of India for verification.

(e) That I/We further undertake that in the event of the above product having proved otherwise by any competent authority and resulting in environmental damage, I/We shall inform the Central Insecticides Board and Registration Committee, the relevant authorities for Manufacturing Licensing, Pollution Control and of appropriate District/State/National Level and shall comply with the directions/decisions from them.

(f) That my/our above undertaking is true, and no portion is false and I have concealed nothing relevant to the above matter.

Signature:
Name----------
Designation----------
Seal of the Company--------

Date_____

Place:----------

Signature:

TEMPLATES

Chemistry:

DATA REQUIREMENTS FOR CHEMICAL PESTICIDES: 9(3B) TI

Sr. No.	Parameters
1	Details of source of supply of Technical
2	Chemical Composition (clearly showing claims of purity of active ingredient, impurities or adjuvants, as the case may be) in Form-I and L/L
3	Physical and Chemical Properties of the active ingredient in Technical and adjuvant in case of a formulation
4	Technical Bulletin
5	Product Specification in BIS format/BIS No. if published
6	Method of Analysis
7	Analytical Test Report (ATR) from GLP/NABL accredited laboratory
8	Characterization (Identity Test) of active ingredient by UV-VIS, IR, MS and NMR spectra)
9	Identification& Quantification of Impurities
10	Shelf-life claim
11	Storage Stability Data (samples stored in three varied agro-climatic conditions) for six months in excess of claimed shelf-life along with meteorological data for corresponding period Accelerated Storage Data can be considered for grant of provisional shelf-life. However, in such cases the Certificate of Registration (CR) shall be issued with a validity of two years. Shelf-life claim of up to 2-years or as the case may be (provisionally) be granted to the insecticides with a condition that applicant is required to submit real time / actual storage stability study data in the proposed construct and container of sale for duration of minimum 30 months, within two and half years of submission of application for granting the registration, failing which Registration Certificate shall stand invalid. (As approved in 424 RC dated 23 & 24 December 2020 vide agenda item no. 10.48)
12	Detailed stepwise manufacturing process (provide chemical reactions explained with structural formulae, all applicable reaction other conditions in case of technical grade insecticides including flow sheet diagram).
13	Information about Raw Materials Used along with their source of supply
14	Effluent Treatment method with complete details
15	Legalized letter of consent that the manufacturer is registered the Technical Grade Pesticide/ Insecticide /Formulation and that the consents supplying the Technical Grade Pesticide/ Insecticide/ Formulation to the applicant.
16	Registration Certificate from Designated National Authority (DNA) of the pesticides from source country.
17	In case the supplies are to be made through a supplier, a duly legalized certificate from the exporting manufacturer that the supplier is his authorized agent and that the invoice would originate from the approved source of import (actual manufacturer).Or Principal company or Subsidiary of registrant of pesticide in India or the supplier authorized by manufacturer and mention the full details of the source of import in the invoice.
18	An In-Process sample to be drawn from the R&D/manufacturing facility of applicant in case of technical indigenous manufacture of the insecticide/sample to be submitted in case of technical import$; along with certified reference material (CRM) and standard impurities along with purity certificate in case of technical grade insecticides for preregistration verification in the Central Insecticides Laboratory, Faridabad (CIL). In case of FIM and FI category sample and CRM to be submitted in CIL Faridabad.
19	Methodology for residue estimation in BIS format.

DATA REQUIREMENTS FOR CHEMICAL PESTICIDES: 9(3) TI

Sr. No.	Parameters
1	Details of source of supply of Technical
2	Chemical Composition (clearly showing claims of purity of active ingredient, impurities or adjuvants, as the case may be) in Form-I and L/L
3	Physical and Chemical Properties of the active ingredient in Technical and adjuvant in case of a formulation
4	Technical Bulletin
5	Product Specification in BIS format/BIS No. if published
6	Method of Analysis
7	Analytical Test Report (ATR) from GLP/NABL accredited laboratory
8	Characterization (Identity Test) of active ingredient by UV-VIS, IR, MS and NMR spectra)
9	Identification& Quantification of Impurities
10	Shelf-life claim
11	Storage Stability Data (samples stored in three varied agro-climatic conditions) for six months in excess of claimed shelf-life along with meteorological data for corresponding period Accelerated Storage Data can be considered for grant of provisional shelf-life. However, in such cases the Certificate of Registration (CR) shall be issued with a validity of two years. Shelf-life claim of up to 2-years or as the case may be (provisionally) be granted to the insecticides with a condition that applicant is required to submit real time / actual storage stability study data in the proposed construct and container of sale for duration of minimum 30 months, within two and half years of submission of application for granting the registration, failing which Registration Certificate shall stand invalid. (As approved in 424 RC dated 23 & 24 December 2020 vide agenda item no. 10.48)
12	Detailed stepwise manufacturing process (provide chemical reactions explained with structural formulae, all applicable reaction other conditions in case of technical grade insecticides including flow sheet diagram).
13	Information about Raw Materials Used along with their source of supply
14	Effluent Treatment method with complete details
15	Legalized letter of consent that the manufacturer is registered the Technical Grade Pesticide/ Insecticide /Formulation and that the consents supplying the Technical Grade Pesticide/ Insecticide/ Formulation to the applicant
16	Registration Certificate from Designated National Authority (DNA) of the pesticides from source country.
17	In case the supplies are to be made through a supplier, a duly legalized certificate from the exporting manufacturer that the supplier is his authorized agent and that the invoice would originate from the approved source of import (actual manufacturer). Or Principal company or Subsidiary of registrant of pesticide in India or the supplier authorized by manufacturer and mention the full details of the source of import in the invoice.
18	An In-Process sample to be drawn from the R&D/manufacturing facility of applicant in case of technical indigenous manufacture of the insecticide/sample to be submitted in case of technical import$; along with certified reference material (CRM) and standard impurities along with purity certificate in case of technical grade insecticides for preregistration verification in the Central Insecticides Laboratory, Faridabad (CIL). In case of FIM and FI category sample and CRM to be submitted in CIL Faridabad.
19	Methodology for residue estimation in BIS format.

DATA REQUIREMENT FOR REGISTRATION OF PESTICIDES FOR TECHNICAL IMPORT FROM NEW SOURCE (TI-NEW SOURCE) V/S AGAINST THE MOLECULE REGISTERED UNDER FIM-WRT, FI-WRT AND TI UNDER SECTION 9(3) APPROVED IN 467TH RC.

Sr. No.	Parameters
1	**Source of Supply of Technical**
a	Office address of the Source of Manufacturer with documentary evidence
b	Manufacturing/factory address of the Manufacturer with documentary evidence
c	Copy of registration certificate in the exporting country (Where technical is not granted regn. Proof of registered chemical composition is required)
d	Documentary evidence of manufacturing address to prove that the manufacturing address belongs to the manufacturer
e	Copy of manufacturing license of the manufacturer, (In case license of manufacturing of technical is not issued in the exporting country then a notification from the exporting country that the manufacturing license is not issued to the manufacturer in the country as per law). Other documents to be provided to prove manufacturing.
2	**Chemical Composition**
a	Chemical Identity of technical & Physico- Chemical Properties
b	Physico-Chemical Properties of adjuvants
c	IUPAC name, CAS name & CAS no of Raw materials/adjuvants
d	Technical Bulletin of the product
3	Specification of the product in BIS format
a	Method of Analysis of active ingredients, impurities and adjuvants
b	Analytical Test Report (5 Batch)
c	Identification& Quantification of identifiable Impurities from GLP lab (5 Batch)
4	Shelf-life claim
5	Shelf-life Data from GLP lab (As per OECD requirement) Storage Stability Data (samples stored in three varied agro-climatic conditions) for six months in excess of claimed shelf-life along with meteorological data for corresponding period Accelerated Storage Data can be considered for grant of provisional shelf-life. However, in such cases the Certificate of Registration (CR) shall be issued with a validity of two years. Shelf-life claim of up to 2-years or as the case may be (provisionally) be granted to the insecticides with a condition that applicant is required to submit real time / actual storage stability study data in the proposed construct and container of sale for duration of minimum 30 months, within two and half years of submission of application for granting the registration, failing which Registration Certificate shall stand invalid. (As approved in 424 RC dated 23 & 24 December 2020 vide agenda item no. 10.48)
6	Process of Manufacture
6.1	Information about Raw Materials Used & their Source of Supply
6.2	Step-wise Manufacturing Process, conditions etc.
6.3	Route of formation of impurities, chemical reaction and flow chart diagram
6.4	IUPAC/CAS no. of known/detected Impurities
6.5	Chemical structure of known impurities, Molecular weight of Impurities etc.
6.6	Manufacturing Chemical Equation
6.7	Formula of all raw material, stepwise products etc.
6.8	Flow sheet diagram of process of manufacture

6.9	Effluent Treatment method
7	Documents such as registration certificate / Certificate of DNA giving detailed CC, Manufacturing license or any other approval under any Govt. regulation will be acceptable to support that manufacturer is actual producer
8	Certificate from manufacturer that the supplier is an authorized supplier of the manufacturer, wherever applicable.
9	A test report about the quality of the product from a laboratory as per GLP scheme or from a company of ISO-9000. This requirement will be provided along with first consignment. Thereafter, each consignment should have proper analytical test report of the manufacturer
10	The applicant should provide sample along- with standards sample from the principals/ authorized supplier for chemical verification. In case of technical grade pesticides u/s 9(3), samples of std. impurities are also to be provided for chemical verification. An undertaking is also to be submitted by the importer for readiness for drawl of in-process sample from the manufacturer.
11	Methodology for residue estimation as per BIS format.

DATA REQUIREMENTS FOR CHEMICAL PESTICIDES: 9(3) FI

Sr. No.	Parameters
1	Details of source of supply of Technical
2	Chemical Composition (clearly showing claims of purity of active ingredient, impurities or adjuvants, as the case may be) in Form-I and L/L
3	Physical and Chemical Properties of the active ingredient in Technical and adjuvant in case of a formulation
4	Technical Bulletin
5	Product Specification in BIS format/BIS No. if published
6	Method of Analysis
7	Analytical Test Report (ATR) from GLP/NABL accredited laboratory
8	Shelf-life claim
9	Storage Stability Data (samples stored in three varied agro-climatic conditions) for six months in excess of claimed shelf-life along with meteorological data for corresponding period Accelerated Storage Data can be considered for grant of provisional shelf-life. However, in such cases the Certificate of Registration (CR) shall be issued with a validity of two years. Shelf-life claim of up to 2-years or as the case may be (provisionally) be granted to the insecticides with a condition that applicant is required to submit real time / actual storage stability study data in the proposed construct and container of sale for duration of minimum 30 months, within two and half years of submission of application for granting the registration, failing which Registration Certificate shall stand invalid. (As approved in 424 RC dated 23 & 24 December 2020 vide agenda item no. 10.48)
10	Establishment of Chemical Equivalence
11	Detailed stepwise manufacturing process (provide chemical reactions explained with structural formulae, all applicable reaction other conditions in case of technical grade insecticides including flow sheet diagram).
12	Information about Raw Materials Used along with their source of supply

13	Effluent Treatment method with complete details
14	Legalized letter of consent that the manufacturer is registered the Technical Grade Pesticide/ Insecticide /Formulation and that the consents supplying the Technical Grade Pesticide/ Insecticide/ Formulation to the applicant
15	Registration Certificate from Designated National Authority (DNA) of the pesticides from source country.
16	In case the supplies are to be made through a supplier, a duly legalized certificate from the exporting manufacturer that the supplier is his authorized agent and that the invoice would originate from the approved source of import (actual manufacturer).Or Principal company or Subsidiary of registrant of pesticide in India or the supplier authorized by manufacturer and mention the full details of the source of import in the invoice.
17	An In-Process sample to be drawn from the R&D/manufacturing facility of applicant in case of technical indigenous manufacture of the insecticide/sample to be submitted in case of technical import$; along with certified reference material (CRM) and standard impurities along with purity certificate in case of technical grade insecticides for preregistration verification in the Central Insecticides Laboratory, Faridabad (CIL). In case of FIM and FI category sample and CRM to be submitted in CIL Faridabad.
18	Methodology for residue estimation in BIS format.

S. No. 10. Not required (NR)- For first Registration, Required (R)- for subsequent registration after the first registration.

TEMPLATE FOR SCRUTINY AND VERIFICATION OF FILES U/s 9(3) TIM

- **Category of application:-**
- **Name of the insecticide which applicant proposes to manufacture:-**
- **Status of insecticide in schedule:-**
- **Address of manufacturing site:-**
- **Applicable Gulideline :-**
- **Chemical Name (IUPAC Name, if available):-**
- **Common name:-**
- **CAS Number:-**
- **Establishment of Chemical Equivalence with undertaking (if claimed):-**
- **Chemical composition:-**
- **Characterization (Identity Test) of active ingredient by UV-VIS, IR, MS and NMR spectra):-**
- **Manner of labelling:-**
- **Label and leaflets:-**
- **Physical and Chemical Properties of the active ingredient in Technical and adjuvant in case of a formulation:-**
- **Product Specification in BIS format/BIS No. if published:-**
- **Method of Analysis:-**
- **Chemical Equation:-**
- **Methodology for residue estimation in BIS format:-**
- **Identification & Quantification of identifiable Impurities (In case of registration of Technical product):-** Data has been generated from NABL/GLP accredited lab as per existing guideline of RC, the following details need to be submit:-

S.no.	Parmeter	Details
1.	Product name	
2.	Testing facility/Name of the Laboratory	
3.	NABL/GLP accreditation status of testing facility	
4.	Study No	
5.	Project no.	
6.	Study initiated date	
7.	Study completion date	
8.	Report submission date	
9.	Test substance details	
10.	Reference item details	
11.	List of chemical and	

	reagents	
12.	Test Methods	
13.	Formula of calculation	
14.	Chromatographic conditions	
15.	Chromatograms with Calculations	
16.	Reference standard COA	

- **Shelf-life claim (Provide shelf-life undertaking):-**
- ***Shelf-life Data/ Storage Stability Data (samples stored in three varied agro-climatic conditions) for six months in excess of claimed shelf-life along with meteorological data for corresponding period:-** If complete data has been submitted from NABL/GLP accredited lab along with the meteorological data as per existing guideline of RC or ASS data along with the Affidavit for the acceptance of ASS data as per decision 424th RC vide agenda item no. 10.48. The following details need to be submit:-

S.no.	Parmeter	Details
1.	Product name	
2.	Testing facility/Name of the Laboratory	
3.	NABL/GLP accreditation status of testing facility	
4.	Study No	
5.	Project no.	
6.	Study initiated date	
7.	Study completion date	
8.	Report submission date	
9.	Batch no.	
10.	Test substance details	
11.	Experimental details	
12.	Test methodology	
13.	Apparatus and materials	
14.	Temperature conditions inside the test chamber	
15.	Summary report of different agroclimatic conditions	
16.	Result of 0^{th} day and 14^{th} day analysis and calculation details (In case of ASS data has been	

	submitted) (for provisional shelf life)	
17.	Physico-chemical properties	
18.	Formula of calculation	
19.	Chromatograms with Calculations	

- **Process of Manufacture:-**

S.no.	Parmeter	Details
1.	Information about Raw Materials Used	
2.	Their Source of Supply	
3.	Step-wise Manufacturing Process	
4.	Effluent Treatment method with complete details	
5.	Flow sheet diagram of process of manufacture	
6.	chemical reactions explained with structural formulae, all applicable reaction other conditions	

- **Analytical test report:-** Data has been submitted from NABL/GLP accredited lab as per existing guideline of RC the following details need to be submit:-

S.no.	Parmeter	Details
1.	Product name	
2.	Testing facility/Name of the Laboratory	
3.	NABL/GLP	

	accreditation status of testing facility	
4.	Study No	
5.	Project no.	
6.	Study initiated date	
7.	Study completion date	
8.	Report submission date	
9.	Batch no.	
10.	Test substance details	
11.	Reference item details	
12.	List of chemical and reagents	
13.	Test Methods	
14.	Formula of calculation	
15.	Chromatographic conditions	
16.	Chromatograms with Calculations	
17.	Reference standard COA	

- **The applicant should provide the sample of standards technical from principal/authorized dealers for chemical verification, In case of technical grade pesticide u/s 9(3), reference standard of impurities are also to be provided for chemical verification.**
- **An In-Process sample to be drawn from the R&D/manufacturing facility of applicant in case of technical indigenous manufacture of the insecticide/sample to be submitted in case of technical import; along with certified reference material (CRM) and standard impurities along with purity certificate in case of technical grade insecticides for preregistration verification in the Central Insecticides Laboratory, Faridabad (CIL).**

TEMPLATE FOR SCRUTINY AND VERIFICATION OF FILES U/s 9(3) FIM

- **Category of application:-**
- **Name of the insecticide which applicant proposes to manufacture:-**
- **Status of insecticide in schedule:-**
- **Address of manufacturing site:-**
- **Applicable Gulideline :-**
- **Chemical Name (IUPAC Name, if available):-**
- **Common name:-**
- **CAS Number:-**
- **Establishment of Chemical Equivalence with undertaking (if claimed):-**
- **In case of formulation, the source of supply of technical grade material and status of registration in India:-**
- **Chemical composition:-**
- **Manner of labelling:-**
- **Label and leaflets:-**
- **Physical and Chemical Properties of the active ingredient in Technical and adjuvant in case of a formulation {Adjuvant(s) shall be mentioned by their common names(s) and not by code names or numbers and their complete chemical identity shall be provided}:-**
- **Product Specification in BIS format/BIS No. if published:-**
- **Method of Analysis (In case of formulation of pre-mix combination product having three active ingredients, preferably a single method of analysis must be used, otherwise applicant should be submitted technical justification for using more than one method of analysis) :-**
- **Methodology for residue estimation in BIS format:-**
- **Shelf-life claim (Provide shelf-life undertaking):-**
- ***Shelf-life Data/ Storage Stability Data (samples stored in three varied agro-climatic conditions) for six months in excess of claimed shelf-life along with meteorological data for corresponding period:-** If complete data has been submitted from NABL/GLP accredited lab along with the meteorological data as per existing guideline of RC or ASS data along with the Affidavit for the acceptance of ASS data as per decision 424th RC vide agenda item no. 10.48. The following details need to be submit:-

S.no.	Parmeter	Details
20.	Product name	
21.	Testing facility/Name of the Laboratory	

22.	NABL/GLP accreditation status of testing facility	
23.	Study No	
24.	Project no.	
25.	Study initiated date	
26.	Study completion date	
27.	Report submission date	
28.	Batch no.	
29.	Test substance details	
30.	Experimental details	
31.	Test methodology	
32.	Apparatus and materials	
33.	Temperature conditions inside the test chamber	
34.	Summary report of different agroclimatic conditions	
35.	Result of 0^{th} day and 14^{th} day analysis and calculation details (if ASS data has been submitted)	
36.	Physico-chemical properties	
37.	Formula of calculation	
38.	Chromatograms with Calculations	

- **Process of Manufacture:-**

S.no.	Parmeter	Details
7.	Information about Raw Materials Used	
8.	Their Source of Supply	
9.	Step-wise Manufacturing Process	
10.	Effluent Treatment method with complete details	
11.	Flow sheet diagram of process of manufacture	
12.	chemical reactions explained with structural formulae, all applicable reaction other conditions	

- **Analytical test report:-** Data has been submitted from NABL/GLP accredited lab as per existing guideline of RC the following details need to be submit:-

S.no.	Parmeter	Details
18.	Product name	
19.	Testing facility/Name of the Laboratory	
20.	NABL/GLP accreditation status of testing facility	
21.	Study No	
22.	Project no.	
23.	Study initiated date	
24.	Study completion date	
25.	Report submission date	
26.	Batch no.	
27.	Test substance details	
28.	Reference item details	
29.	List of chemical and reagents	
30.	Test Methods	
31.	Formula of calculation	
32.	Chromatographic conditions	
33.	Chromatograms with Calculations	
34.	Reference standard COA	

- **Acknowledgement copy of submission of sample and CRM in CIL Faridabad:-**

PROFORMA FOR 9(3) FORMULATION IMPORT(FI)/ FORMULATION INDIGENOUS MANUFACTURE (FIM)/Label Expansion,TI,TIM.

General Information

1.	**Application category**	:	
2.	**Chemical Name**	:	
3.	**Crop**	:	
4.	**Disease with scientific name**	:	
5.	**Applicant details**	:	
6.	**Label claim**	:	

	Crop	**Common name of the pests**	**Dosage per hectare**		**Dilution in water**	**Waiting period**
			A.i. (g)	**Formulation (ml)**		

Treatment details

T. No	**Treatments**	**Dose / ha**		**Dilution in water L/ha**
		Technical (g a.i.)	**Formulation (ml or gm)**	
T1.				
T2.				
T3.				
T4.				
T5.				
T6.				
T7.				
T8.				
T9.	Untreated Control	-	-	-

Experimental Details

Details	**Location 1**	**Location 2**	**Location 3**
Year and Season			
Variety / Hybrid			
Plot size			
Date of transplanting			
Number & date of treatment imposition			
Number of treatments			
Number of replications			
Design of experiments			

Observations recorded			

1. BIO-EFFICACY DATA AGAINST DISEASE

Table 1. Data requirement for Bioefficacy of (Chemical Name) **against** (Pest species) **in** (Crop Name)

T. No	Location 1						Location 2						Location 3					
	Season 1			Season 2			Season 1			Season 2			Season 1			Season 2		
	PDI (BS)	PDI (DAA)	% ROC	PDI (BS)	PDI (DAA)	% ROC	PDI (BS)	PDI (DAA)	% ROC	PDI (BS)	PDI (DAA)	% ROC	PDI (BS)	PDI (DAA)	% ROC	PDI (BS)	PDI (DAA)	% ROC
T1																		
T2																		
T3																		
T4																		
T5																		
T6																		
T7																		
T8																		
S.E.m ±																		
C.D. at 5%																		

BS: Before Spray; PDI- Percent Disease Index/Incidence/Intensity *DAA: Days after Application (Fill the data pertinent to the last observation); % ROC: % cent reduction over control

2. YIELD DATA

Table 2. Data requirement for Yield (Kg/ha or Q/ha or T/ha) from various locations:

T. No	Location 1		Location 2		Location 3	
	Season 1	Season 2	Season 1	Season 2	Season 1	Season 2
T1						
T2						
T3						
T4						
T5						
T6						
T7						
T8						
S.E.m ±						
C.D. at 5%						

2. PHYTOTOXICITY

Table 3. Data requirement for phytotoxicity of (Chemical Name) against (Pest species) in (Crop Name)

T. No	Location 1												Location 2												Location 3											
	Season 1						Season 2						Season 1						Season 2						Season 1						Season2					
	Phytotoxicity grade (0-10 Scale)												Phytotoxicity grade (0-10 Scale)												Phytotoxicity grade (0-10 Scale)											
	DAA						DAA						DAA						DAA						DAA						DAA					
	0	1	3	5	7	10	0	1	3	5	7	10	0	1	3	5	7	10	0	1	3	5	7	10	0	1	3	5	7	10	0	1	3	5	7	10
T1																																				
T2																																				
T3																																				
T4																																				
T5																																				
T6																																				
T7																																				
T8																																				
S.E.m ±																																				
C.D. at 5%																																				

DAA: Days After Application; Observations should be recorded on 0,1,3,5,7, and 10 days after treatment against necrosis, chlorosis, epinasty, hyponasty, leaf tip injury, leaf surface injury, wilting and vein clearing.

4. PERSISTENCE IN SOIL(Not required in Label Expansion)

Institute where the residue analysis carried out	:	
Treatment details (i.e. T0, T1 & T2)	:	
Types of soil samples collected	:	
Instruments used for the analysis	:	
Limit of Detection (LOD)	:	
Limit of Quantification	:	

Soil type	Half – life (DT_{50} In Days)	
	T1	T2
Sandy loam		
Clay		
Loam		
Silt Clay		

Sampling occasion days	Average Residue (µg/g)											
	Sandy Loam			Clay			Loam			Silt Clay		
	T0	T1	T2	T0	T1	T2	T0	T1	T2	T0	T1	T2
0												
1												
3												
5												

10												
15												

5. PERSISTENCE IN WATER(Not required in Label Expansion)

Institute where the residue analysis carried out	:	
Treatment details (i.e. T0, T1 & T2)	:	
Types of water samples collected	:	
Instruments used for the analysis	:	
Limit of Detection (LOD)	:	
Limit of Quantification	:	

Water type	Half – life (DT_{50} In Days)	
	T1	T2
Acidic Water		
Neutral Water		
Basic Water		

Sampling occasion days	Average Residue (µg/g)								
	Acidic (pH = 4.0)			Neutral (pH = 7.0)			Basic (pH = 9.0)		
	T0	T1	T2	T0	T1	T2	T0	T1	T2
0									
1									
3									
5									

10									
15									

6. PERSISTENCE IN PLANT

Institute where the residue analysis carried out	:	
Crop (i.e. name of the crop) and Samples (i.e. parts of plant)		
Variety		
Date of Transplanting	:	
Date of Application	:	
Treatment details (i.e. T0, T1 & T2)	:	
Instruments used for the analysis	:	
Limit of Detection (LOD)	:	
Limit of Quantification (LOQ)	:	

Half – life (DT_{50} In Days)	
T1	**T2**

Sampling occasion days	**Average Residue (µg/g)**		
	T0	**T1**	**T2**
0			
1			
3			
5			

10			
15			

6. RESIDUES IN PLANT AND SOIL

	Location 1	Location 2	Location 3	Location 4
Institute name & address				
Variety				
Transplanting date				
Date of Application				
Sampling date				
Treatment details				
Plant part used for analysis				
Instruments used for analysis				
Limit of Determination				
Limit of Quantification				

Sampling occasion days	id			Residue (µg/g)								
	Location 1			Location 2			Location 3			Location 4		
	T0	T1	T2	T0	T1	T2	T0	T1	T2	T0	T1	T2
Soil												

Other informations required for scrutiny

Compatibility with other chemicals if claimed	:	
Residue tolerance limit fixed by foreign countries	:	
Registration status in foreign countries	:	
Germination % and Effect on Beneficial Soil micro flora and fauna (In case of seed treatment)	:	
Form – I	:	
Copy of RTT Permit	:	Only applicable in FI &TI
MRL Proforma in duplicate with CD/pendrive	:	
Label & Leaflets (7 copies) in Hindi & Language	:	
Copy of 9(3) registration certificate		Required only for Label Expansion
Translocation in Plants		Only applicable in TIM &TI
Metabolism(Soil, Plant , Water)		Only applicable in TIM &TI

For 9(4) TIM; only Maximum Residue Limit values.

For 9(4) Endorsement: RC reference in which 9(3) application was approved and MRL fixation.

Template for Packaging Discipline for Applications U/s 9(3)-TI

S. No.	Parameters	Reply/Response of applicant
1.	Form I	
2.	Labels and Leaflets per IR-1971, all fields (as applicable) and as amended from time to time	
3.	Manner of labeling and Leaflet	
4.	Type of packaging (Ultra small, small or Big whichever is applicable)	
5.	Manner of packaging Manner of Import packaging with details UN IMDG Code, packaging group, Hazard class, (a)Primary Packing (b) Secondary Packing (c) Transport Packing	
6.	Specification for primary, Secondary and Transport packages (whichever is applicable) Specification shall include: 1) capacity, 2) thickness, 3) shape, 4) size (LxWxH), 5) brimful capacity, 6) sealing system, 7) Material of construction, Grade, 8) Closure system, 9) Gross/net weight of primary, secondary and transport packing,	
7.	Details of packaging material and its compatibility with content: Container Content Compatibility (CCC) test from NABL accrediated labs as per standard test protocols/BIS specifications. a) Name of the Laboratory : b) NABL Status (Validity of NABL Certificate): c) Period of the Study : From ____ to _____ d) BIS specification/protocol followed : e) Number of Samplesset taken for Test : f) Temperature maintained during the test : g) Primary Packing taken for test : h) Test result of AI before the test : i) Test result of AI after the test : j) Test result of Packaging material before test : k) Test result of Packaging material after test :	
7	Details of packaging material and its compatibility with content: l) Final Conclusion of the Study :	

8.	Performance of container with content during storage stability test(Shelf life Study) at three different agro climate conditions for 30 months/ ASS Data for a.i. content and physico chemical properties of the product and test parameter on container:-- 1) Name of the Laboratory : 2) NABL/GLP Status (Validity of NABL/GLP Certificate): 3) Name of the Study - Shelf life Study / ASS: _____ 4) Period of the Study : From ____ to _____ 5) Number of Months/Days : 6) Three Agro-climatic locations selected for Shelf life Study: Location 01 :_____ Location 02 :_____ Location 03:_____ 7) BIS specification followed : 8) Primary Packing taken for test : 9) Test result of AI before the test : 10) Test result of AI after the test (for ASS) : 11) Zero Month Test result of AI after the test : Location 12) 06 Months Test result of AI after the test : 13) 12 Months Test result of AI after the test : 14) 18 Months Test result of AI after the test : 15) 24 Months Test result of AI after the test : 16) 30 Months Test result of AI after the test : Final Conclusion of Test results of AI after 30 Months : 17) Test result of Packaging Material before the test : 18) Test result of Packaging Material after the test(for ASS) : 19) Zero Month Test result of Packaging Material after the test : 20) 06 Months Test result of Packaging Material after the test : 21) 12 Months Test result of Packaging Materialafter the test : 22) 18 Months Test result of Packaging Material after the test : 23) 24 Months Test result of Packaging Material after the test : 24) 30 Months Test result of Packaging Material after the test : Final Conclusion of Test results of Packaging Material after 30 Months : 25) Metrological data of 3 locations: Name of the Institute/Organization of Metrological data: a) Location 01 :_____ b) Location 02 :_____ c) Location 03:_____ 26) Average Temperature range during the entire Shelf Life Study:	

	(i) Location 01 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃ 24 Months : _____ to _____℃ 30 Months : _____ to _____℃ (ii) Location 02 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃ 24 Months : _____ to _____℃ 30 Months : _____ to _____℃ (iii) Location 03 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃ 24 Months : _____ to _____℃ 30 Months : _____ to _____℃	
9.	Transport worthiness test (TWT) for proposed transport packing from NABL accrediated lab. 1) Name of the Laboratory : 2) NABL/GLP Status (Validity of NABL/GLP Certificate): 3) Name of the Study - _____ 4) Period of the Study : From ____ to _____ 5) Number of Months/Days : 6) BIS specification followed : 7) Primary Packing taken for test : 8) Secondary Packaging Taken for Test : 9) Transport Packing Taken for test : 10) Whether the primary,secondary and transport packing taken for tests are same as proposed in Manner of Packing : Yes/No 11) Number of Samples taken for Test : !2) Details of the Tests Conducted :(to cover all type of proposed packing combinations -(Primary+Secondary+Transport) **A) Vertical Drop Test** a) BIS No. : b) Scheme for Dropping Test : c) Test results :	

	B) Stack Load Test : a) BIS No. : b)Scheme for Stack Load Test : c) Test results : C) **Vibration Leak Test :** a) BIS No. : b) Scheme for Vibration Test : c) Test results : D) **Rolling Test:** a) BIS No. : b) Scheme for Rolling Test : c) Test results : **E) Inclined Impact Test :** a) BIS No. : b) Scheme for Rolling Test : c) Test results : F) Any other Packaging Test under TWT as per IMDG / BIS /RC requirements : a) BIS No. : b) Scheme for Vibration Test : b) Test results :	

Template for Packaging Discipline for Applications U/s 9(3)-FI

S. No.	Parameters	Reply/Response of applicant
1.	Form I	
2.	Labels and Leaflets per IR-1971, all fields (as applicable) and as amended from time to time	
3.	Manner of labelling and Leaflet	
4.	Type of packaging (Ultra small, small or Big whichever is applicable)	
5.	Manner of packaging: Manner of Import packaging with details UN IMDG Code, packaging group, Hazard class, (a)Primary Packing (b) Secondary Packing (c) Transport Packing Manner of Re-packing: (a)Primary Packing (b) Secondary Packing (c) Transport Packing	
6.	Specification for primary, Secondary and Transport packages (whichever is applicable) Specification shall include: 1) capacity, 2) thickness, 3) shape, 4) size (LxWxH), 5) brimful capacity, 6) sealing system, 7) Material of construction, Grade, 8) Closure system, 9) Gross/net weight of primary, secondary and transport packing,	
7.	Details of packaging material and its compatibility with content: Container Content Compatibility (CCC) test from NABL accrediated labs as per standard test protocols/BIS specifications. a) Name of the Laboratory : b) NABL Status (Validity of NABL Certificate): c) Period of the Study : From ____ to _____ d) BIS specification/protocol followed : e) Number of Samplesset taken for Test : f) Temperature maintained during the test : g) Primary Packing taken for test : h) Test result of AI before the test :	

	i) Test result of AI after the test : j) Test result of Packaging material before test : k) Test result of Packaging material after test : l) Final Conclusion of the Study :	
8.	Performance of container with content during storage stability test(Shelf life Study) at three different agro climate conditions for 30 months/ ASS Data for a.i. content and physico chemical properties of the product and test parameter on container:-- 1) Name of the Laboratory : 2) NABL/GLP Status (Validity of NABL/GLP Certificate): 3) Name of the Study - Shelf life Study / ASS: _____ 4) Period of the Study : From ____ to _____ 5) Number of Months/Days : 6) Three Agro-climatic locations selected for Shelf life Study: 7) Location 01 :_____ 8) Location 02 :_____ 9) Location 03:_____ 10) BIS specification followed : 11) Primary Packing taken for test : 12) Test result of AI before the test : 13) Test result of AI after the test (for ASS) : 14) Zero Month Test result of AI after the test : 15) Location 16) 06 Months Test result of AI after the test : 17) 12 Months Test result of AI after the test : 18) 18 Months Test result of AI after the test : 19) 24 Months Test result of AI after the test : 20) 30 Months Test result of AI after the test : 21) Final Conclusion of Test results of AI after 30 Months : 22) Test result of Packaging Material before the test : 23) Test result of Packaging Material after the test(for ASS) : 24) Zero Month Test result of Packaging Material after the test : 25) 06 Months Test result of Packaging Material after the test : 26) 12 Months Test result of Packaging Materialafter the test : 27) 18 Months Test result of Packaging Material after the test : 28) 24 Months Test result of Packaging Material after the test :	

Template for Packaging Discipline for Applications U/s 9(3)-TIM

S. No.	Parameters	Reply/Response of applicant
1.	Form I	
2.	Labels and Leaflets per IR-1971, all fields (as applicable) and as amended from time to time	
3.	Manner of labeling and Leaflet	
4.	Type of packaging (Ultra small, small or Big whichever is applicable)	
5.	Manner of packaging: (a)Primary Packing (b) Secondary Packing (c) Transport Packing	
6.	Specification for primary, Secondary and Transport packages (whichever is applicable) Specification shall include: a) capacity, b) thickness, c) shape, d) size (LxWxH), e) brimful capacity, f) sealing system, g) Material of construction, Grade, h) Closure system, i) Gross/net weight of primary, secondary and transport packing,	
7.	Details of packaging material and its compatibility with content: Container Content Compatibility (CCC) test from NABL accrediated labs as per standard test protocols/BIS specifications. 1) Name of the Laboratory : 2) NABL Status (Validity of NABL Certificate): 3) Period of the Study : From ____ to _____ 4) BIS specification/protocol followed : 5) Number of Samplesset taken for Test : 6) Temperature maintained during the test : 7) Primary Packing taken for test : 8) Test result of AI before the test : 9) Test result of AI after the test : 10) Test result of Packaging material before test : 11) Test result of Packaging material after test : 12) Final Conclusion of the Study :	

	29) 30 Months Test result of Packaging Material after the test : 30) Final Conclusion of Test results of Packaging Material after 30 Months : 31) Metrological data of 3 locations: Name of the Institute/Organization of Metrological data: Location 01 :_____ Location 02 :_____ Location 03:_____ 32) Average Temperature range during the entire Shelf Life Study: (iv) Location 01 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃ 24 Months : _____ to _____℃ 30 Months : _____ to _____℃ (v) Location 02 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃ 24 Months : _____ to _____℃ 30 Months : _____ to _____℃ (vi) Location 03 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃ 24 Months : _____ to _____℃ 30 Months : _____ to _____℃	
9.	Transport worthiness test (TWT) for proposed transport packing from NABL accrediated lab. 1) Name of the Laboratory : 2) NABL/GLP Status (Validity of NABL/GLP Certificate): 3) Name of the Study - _____ 4) Period of the Study : From ____ to _____	

	5) Number of Months/Days : 6) BIS specification followed : 7) Primary Packing taken for test : 8) Secondary Packaging Taken for Test : 9) Transport Packing Taken for test : 10) Whether the primary,secondary and transport packing taken for tests are same as proposed in Manner of Packing : Yes/No 11) Number of Samples taken for Test : 12) Details of the Tests Conducted :(to cover all type of proposed packing combinations -(Primary+Secondary+Transport) **A. Vertical Drop Test** BIS No. : Scheme for Dropping Test : Test results : **B. Stack Load Test :** a) BIS No. : b)Scheme for Stack Load Test : c) Test results : C. **Vibration Leak Test :** a) BIS No. : b) Scheme for Vibration Test : c) Test results : D. **Rolling Test:** a) BIS No. : b) Scheme for Rolling Test : c) Test results : **E. Inclined Impact Test :** a) BIS No. : b) Scheme for Rolling Test : c) Test results : F. Any other Packaging Test under TWT as per IMDG / BIS /RC requirements : a) BIS No. : b) Test results :	

8.	Performance of container with content during storage stability test(Shelf life Study) at three different agro climate conditions for 30 months/ ASS Data for a.i. content and physico chemical properties of the product and test parameter on container:-- 1. Name of the Laboratory : 2. NABL/GLP Status (Validity of NABL/GLP Certificate): 3. Name of the Study - Shelf life Study / ASS: _____ 4. Period of the Study : From ____ to _____ 5. Number of Months/Days : 6. Three Agro-climatic locations selected for Shelf life Study: 7. Location 01 :_____ 8. Location 02 :_____ 9. Location 03:_____ 10. BIS specification followed : 11. Primary Packing taken for test : 12. Test result of AI before the test : 13. Test result of AI after the test (for ASS) : 14. Zero Month Test result of AI after the test : 15. Location 16. 06 Months Test result of AI after the test : 17. 12 Months Test result of AI after the test : 18. 18 Months Test result of AI after the test : 19. 24 Months Test result of AI after the test : 20. 30 Months Test result of AI after the test : 21. Final Conclusion of Test results of AI after 30 Months : 22. Test result of Packaging Material before the test : 23. Test result of Packaging Material after the test(for ASS) : 24. Zero Month Test result of Packaging Material after the test : 25. 06 Months Test result of Packaging Material after the test : 26. 12 Months Test result of Packaging Materialafter the test : 27. 18 Months Test result of Packaging Material after the test : 28. 24 Months Test result of Packaging Material after the test : 29. 30 Months Test result of Packaging Material after the test : 30. Final Conclusion of Test results of Packaging Material after 30 Months :	

	31. Metrological data of 3 locations: Name of the Institute/Organization of Metrological data: Location 01 :_____ Location 02 :_____ Location 03:_____ 32. Average Temperature range during the entire Shelf Life Study: Location 01 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃ 24 Months : _____ to _____℃ 30 Months : _____ to _____℃ Location 02 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃ 24 Months : _____ to _____℃ 30 Months : _____ to _____℃ Location 03 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃ 24 Months : _____ to _____℃ 30 Months : _____ to _____℃	
9.	Transport worthiness test (TWT) for proposed transport packing from NABL accrediated lab. 1) Name of the Laboratory : 2) NABL/GLP Status (Validity of NABL/GLP Certificate): 3) Name of the Study - _____ 4) Period of the Study : From ____ to _____ 5) Number of Months/Days : 6) BIS specification followed : 7) Primary Packing taken for test : 8) Secondary Packaging Taken for Test : 9) Transport Packing Taken for test : 10) Whether the primary,secondary and transport	

	packing taken for tests are same as proposed in Manner of Packing : Yes/No 11) Number of Samples taken for Test : 12) Details of the Tests Conducted :(to cover all type of proposed packing combinations -(Primary+Secondary+Transport) **A. Vertical Drop Test** BIS No. : Scheme for Dropping Test : Test results : **B.Stack Load Test :** a) BIS No. : b)Scheme for Stack Load Test : c) Test results : **C.Vibration Leak Test :** a) BIS No. : b) Scheme for Vibration Test : c) Test results : **D.Rolling Test:** a) BIS No. : b) Scheme for Rolling Test : c) Test results : **E.Inclined Impact Test :** a) BIS No. : b) Scheme for Rolling Test : c) Test results : F.Any other Packaging Test under TWT as per IMDG / BIS /RC requirements : a) BIS No. : b) Test results :	

Template for Packaging Discipline for Applications U/s 9(3)-FIM

S. No.	Parameters	Reply/Response of applicant
1.	Form I	
2.	Labels and Leaflets per IR-1971, all fields (as applicable) and as amended from time to time	
3.	Manner of labeling and Leaflet	
4.	Type of packaging (Ultra small, small or Big whichever is applicable)	
5.	Manner of packaging: (a)Primary Packing (b) Secondary Packing (c) Transport Packing	
6.	Specification for primary, Secondary and Transport packages (whichever is applicable) Specification shall include:	applicant
	a) capacity, b) thickness, c) shape, d) size (LxWxH), e) brimful capacity, f) sealing system, g) Material of construction, Grade, h) Closure system, i) Gross/net weight of primary, secondary and transport packing,	
7.	Details of packaging material and its compatibility with content: Container Content Compatibility (CCC) test from NABL accrediated labs as per standard test protocols/BIS specifications. 1) Name of the Laboratory : 2) NABL Status (Validity of NABL Certificate): 3) Period of the Study : From ____ to _____ 4) BIS specification/protocol followed : 5) Number of Samplesset taken for Test : 6) Temperature maintained during the test : 7) Primary Packing taken for test : 8) Test result of AI before the test : 9) Test result of AI after the test : 10) Test result of Packaging material before test : 11) Test result of Packaging material after test :	

	12) Final Conclusion of the Study :	
8.	Performance of container with content during storage stability test(Shelf life Study) at three different agro climate conditions for 30 months/ ASS Data for a.i. content and physico chemical properties of the product and test parameter on container:-- 1. Name of the Laboratory : 2. NABL/GLP Status (Validity of NABL/GLP Certificate): 3. Name of the Study - Shelf life Study / ASS: _____ 4. Period of the Study : From ____ to _____ 5. Number of Months/Days : 6. Three Agro-climatic locations selected for Shelf life Study: 7. Location 01 :_____ 8. Location 02 :_____ 9. Location 03:_____ 10. BIS specification followed : 11. Primary Packing taken for test : 12. Test result of AI before the test : 13. Test result of AI after the test (for ASS) : 14. Zero Month Test result of AI after the test : 15. Location 16. 06 Months Test result of AI after the test : 17. 12 Months Test result of AI after the test : 18. 18 Months Test result of AI after the test : 19. 24 Months Test result of AI after the test : 20. 30 Months Test result of AI after the test : 21. Final Conclusion of Test results of AI after 30 Months : 22. Test result of Packaging Material before the test : 23. Test result of Packaging Material after the test(for ASS) : 24. Zero Month Test result of Packaging Material after the test : 25. 06 Months Test result of Packaging Material after the test : 26. 12 Months Test result of Packaging Material after the test : 27. 18 Months Test result of Packaging Material after the test : 28. 24 Months Test result of Packaging Material after the test : 29. 30 Months Test result of Packaging Material after the test :	

	30. Final Conclusion of Test results of Packaging Material after 30 Months : 31. Metrological data of 3 locations: Name of the Institute/Organization of Metrological data: Location 01 :_____ Location 02 :_____ Location 03:_____ 32. Average Temperature range during the entire Shelf Life Study: Location 01 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃ 24 Months : _____ to _____℃ 30 Months : _____ to _____℃ Location 02 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃ 24 Months : _____ to _____℃ 30 Months : _____ to _____℃ Location 03 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃ 24 Months : _____ to _____℃ 30 Months : _____ to _____℃	
9.	Transport worthiness test (TWT) for proposed transport packing from NABL accrediated lab. 1) Name of the Laboratory : 2) NABL/GLP Status (Validity of NABL/GLP Certificate): 3) Name of the Study - _____ 4) Period of the Study : From ____ to _____ 5) Number of Months/Days ..: 6) BIS specification followed : 7) Primary Packing taken for test :	

Template for Packaging Discipline for Applications U/s 9(3)-Bio-Pesticides: Primary culture/mother culture & Formulated product

S. No.	Parameters	Reply/Response of applicant
1.	Form I	
2.	Labels and Leaflets per IR-1971, all fields (as applicable) and as amended from time to time	
3.	Manner of labeling and Leaflet	
4.	Type of packaging (Ultra small, small or Big whichever is applicable)	
5.	Manner of packaging: (a)Primary Packing (b) Secondary Packing (c) Transport Packing	
6.	Specification for primary, Secondary and Transport packages (whichever is applicable) Specification shall include: 1) capacity, 2) thickness, 3) shape, 4) size (LxWxH), 5) brimful capacity, 6) sealing system, 7) Material of construction, Grade, 8) Closure system, 9) Gross/net weight of primary, secondary and transport packing,	
7.	Details of packaging material and its compatibility with content: Container Content Compatibility (CCC) test from NABL accrediated labs as per standard test protocols/BIS specifications. a) Name of the Laboratory : b) NABL Status (Validity of NABL Certificate): c) Period of the Study : From ____ to _____ d) BIS specification/protocol followed : e) Number of Samplesset taken for Test : f) Temperature maintained during the test : g) Primary Packing taken for test : h) Test result of AI before the test : i) Test result of AI after the test :	

	8) Secondary Packaging Taken for Test : 9) Transport Packing Taken for test : 10) Whether the primary,secondary and transport packing taken for tests are same as proposed in Manner of Packing : Yes/No 11) Number of Samples taken for Test : 12) Details of the Tests Conducted :(to cover all type of proposed packing combinations -(Primary+Secondary+Transport) **A.Vertical Drop Test** BIS No. : Scheme for Dropping Test : Test results : **B.Stack Load Test :** a) BIS No. : b)Scheme for Stack Load Test : c) Test results : **C.Vibration Leak Test :** a) BIS No. : b) Scheme for Vibration Test : c) Test results : **D.Rolling Test:** a) BIS No. : b) Scheme for Rolling Test : c) Test results : **E.Inclined Impact Test :** a) BIS No. : b) Scheme for Rolling Test : c) Test results : F.Any other Packaging Test under TWT as per IMDG / BIS /RC requirements : a) BIS No. : b) Test results :	

	j) Test result of Packaging material before test : k) Test result of Packaging material after test : l) Final Conclusion of the Study :	
8.	Performance of container with content during storage stability test(Shelf life Study) at three different agro climate conditions for 30 months/ ASS Data for a.i. content and physico chemical properties of the product and test parameter on container:-- 1. Name of the Laboratory : 2. NABL/GLP Status (Validity of NABL/GLP Certificate): 3. Name of the Study - Shelf life Study / ASS: _____ 4. Period of the Study : From ____ to _____ 5. Number of Months/Days : 6. Three Agro-climatic locations selected for Shelf life Study: 7. Location 01 :_____ 8. Location 02 :_____ 9. Location 03:_____ 10. BIS specification followed : 11. Primary Packing taken for test : 12. Test result of AI before the test : 13. Test result of AI after the test (for ASS) : 14. Zero Month Test result of AI after the test : 15. Location 16. 06 Months Test result of AI after the test : 17. 12 Months Test result of AI after the test : 18. 18 Months Test result of AI after the test : 19. 24 Months Test result of AI after the test : 20. 30 Months Test result of AI after the test : 21. Final Conclusion of Test results of AI after 30 Months : 22. Test result of Packaging Material before the test : 23. Test result of Packaging Material after the test(for ASS) : 24. Zero Month Test result of Packaging Material after the test : 25. 06 Months Test result of Packaging Material after the test : 26. 12 Months Test result of Packaging Materialafter the test : 27. 18 Months Test result of Packaging Material after the test : 28. 24 Months Test result of Packaging Material after the test :	

22. Test result of Packaging Material before the test :

	29. 30 Months Test result of Packaging Material after the test.: 30. Final Conclusion of Test results of Packaging Material after 30 Months : 31. Metrological data of 3 locations: Name of the Institute/Organization of Metrological data: Location 01 :_____ Location 02 :_____ Location 03:_____ 32. Average Temperature range during the entire Shelf Life Study: Location 01 :_____ Zero Month : _____ to _____ ℃ 06 Months : _____ to _____ ℃ 12 Months : _____ to _____ ℃ 18 Months: _____ to _____ ℃ 24 Months : _____ to _____ ℃ 30 Months : _____ to _____ ℃ Location 02 :_____ Zero Month : _____ to _____ ℃ 06 Months : _____ to _____ ℃ 12 Months : _____ to _____ ℃ 18 Months: _____ to _____ ℃ 24 Months : _____ to _____ ℃ 30 Months : _____ to _____ ℃ Location 03 :_____ Zero Month : _____ to _____ ℃ 06 Months : _____ to _____ ℃ 12 Months : _____ to _____ ℃ 18 Months: _____ to _____ ℃ 24 Months : _____ to _____ ℃ 30 Months : _____ to _____ ℃	
9.	Transport worthiness test (TWT) for proposed transport packing from NABL accrediated lab. 1) Name of the Laboratory : 2) NABL/GLP Status (Validity of NABL/GLP Certificate): 3) Name of the Study - _____ 4) Period of the Study : From ____ to _____ 5) Number of Months/Days :	

	6) BIS specification followed : 7) Primary Packing taken for test : 8) Secondary Packaging Taken for Test : 9) Transport Packing Taken for test : 10) Whether the primary,secondary and transport packing taken for tests are same as proposed in Manner of Packing : Yes/No 11) Number of Samples taken for Test : 12) Details of the Tests Conducted :(to cover all type of proposed packing combinations -(Primary+Secondary+Transport) **A.Vertical Drop Test** BIS No. : Scheme for Dropping Test : Test results : **B.Stack Load Test :** a) BIS No. : b)Scheme for Stack Load Test : c) Test results : **C.Vibration Leak Test :** a) BIS No. : b) Scheme for Vibration Test : c) Test results : **D.Rolling Test:** a) BIS No. : b) Scheme for Rolling Test : c) Test results : **E.Inclined Impact Test :** a) BIS No. : b) Scheme for Rolling Test : c) Test results : F.Any other Packaging Test under TWT as per IMDG / BIS /RC requirements : a) BIS No. : b) Test results :	

Template for Packaging Discipline for Applications U/s 9(4)-TIM

S. No.	Parameters	Reply/Response of applicant
1.	Form I	
2.	Manner of labeling and Leaflet	
3.	Type of packaging (Ultra small, small or Big whichever is applicable)	
4.	Manner of packaging: (a)Primary Packing (b) Secondary Packing (c) Transport Packing	
5.	Specification for primary, Secondary and Transport packages (whichever is applicable) Specification shall include: a) capacity, b) thickness, c) shape, d) size (LxWxH), e) brimful capacity, f) sealing system, g) Material of construction, Grade, h) Closure system, i) Gross/net weight of primary, secondary and transport packing,	
6.	Details of packaging material and its compatibility with content: Container Content Compatibility (CCC) test from NABL accrediated labs as per standard test protocols/BIS specifications. 1) Name of the Laboratory : 2) NABL Status (Validity of NABL Certificate): 3) Period of the Study : From ____ to _____ 4) BIS specification/protocol followed : 5) Number of Samplesset taken for Test : 6) Temperature maintained during the test : 7) Primary Packing taken for test : 8) Test result of AI before the test : 9) Test result of AI after the test : 10) Test result of Packaging material before test : 11) Test result of Packaging material after test :	

	12) Final Conclusion of the Study :	

Template for Endorsement Applications of New Packaging Material U/s 9(3)/ 9(4):

S. No.	Parameters	Reply/Response of applicant
1.	Duly signed Endorsement application	
2.	Notarized copy of Certificate of Registration	
3.	Type of packaging (Ultra small, small or Big whichever is applicable)	
4.	Manner of packaging: (a)Primary Packing (b) Secondary Packing (c) Transport Packing	
5.	Specification for primary, Secondary and Transport packages (whichever is applicable) Specification shall include: 1) capacity, 2) thickness, 3) shape, 4) size (LxWxH), 5) brimful capacity, 6) sealing system, 7) Material of construction, Grade, 8) Closure system, 9) Gross/net weight of primary, secondary and transport packing,	
6.	Details of packaging material and its compatibility with content: Container Content Compatibility (CCC) test from NABL accrediated labs as per standard test protocols/BIS specifications. a) Name of the Laboratory : b) NABL Status (Validity of NABL Certificate): c) Period of the Study : From ____ to _____ d) BIS specification/protocol followed : e) Number of Samplesset taken for Test : f) Temperature maintained during the test : g) Primary Packing taken for test : h) Test result of AI before the test : i) Test result of AI after the test : j) Test result of Packaging material before test : k) Test result of Packaging material after test : l) Final Conclusion of the Study :	

7.	Performance of container with content during storage stability test(Shelf life Study) at three different agro climate conditions for 30 months/ ASS Data for a.i. content and physico chemical properties of the product and test parameter on container:-- 1) Name of the Laboratory : 2) NABL/GLP Status (Validity of NABL/GLP Certificate): 3) Name of the Study - Shelf life Study / ASS: _____ 4) Period of the Study : From ____ to _____ 5) Number of Months/Days : 6) Three Agro-climatic locations selected for Shelf life Study: 7) Location 01 :_____ 8) Location 02 :_____ 9) Location 03:_____ 10) BIS specification followed : 11) Primary Packing taken for test : 12) Test result of AI before the test : 13) Test result of AI after the test (for ASS) : 14) Zero Month Test result of AI after the test : 15) Location 16) 06 Months Test result of AI after the test : 17) 12 Months Test result of AI after the test : 18) 18 Months Test result of AI after the test : 19) 24 Months Test result of AI after the test : 20) 30 Months Test result of AI after the test : 21) Final Conclusion of Test results of AI after 30 Months : 22) Test result of Packaging Material before the test : 23) Test result of Packaging Material after the test(for ASS) : 24) Zero Month Test result of Packaging Material after the test : 25) 06 Months Test result of Packaging Material after the test : 26) 12 Months Test result of Packaging Materialafter the test : 27) 18 Months Test result of Packaging Material after the test : 28) 24 Months Test result of Packaging Material after the test : 29) 30 Months Test result of Packaging Material after the test : 30) Final Conclusion of Test results of Packaging Material after 30 Months :	

	31) Metrological data of 3 locations: Name of the Institute/Organization of Metrological data: Location 01 :_____ Location 02 :_____ Location 03:_____ 32) Average Temperature range during the entire Shelf Life Study: Location 01 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃	
	24 Months : _____ to _____℃ 30 Months : _____ to _____℃ Location 02 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃ 24 Months : _____ to _____℃ 30 Months : _____ to _____℃ Location 03 :_____ Zero Month : _____ to _____℃ 06 Months : _____ to _____℃ 12 Months : _____ to _____℃ 18 Months: _____ to _____℃ 24 Months : _____ to _____℃ 30 Months : _____ to _____℃	
8.	Transport worthiness test (TWT) for proposed transport packing from NABL accrediated lab. 1. Name of the Laboratory : 2. NABL/GLP Status (Validity of NABL/GLP Certificate): 3. Name of the Study - _____ 4. Period of the Study : From ____ to _____ 5. Number of Months/Days : 6. BIS specification followed : 7. Primary Packing taken for test : 8. Secondary Packaging Taken for Test : 9. Transport Packing Taken for test : 10. Whether the primary,secondary and transport packing taken for tests are same as proposed in	

	Manner of Packing : Yes/No 11. Number of Samples taken for Test : 12. Details of the Tests Conducted :(to cover all type of proposed packing combinations -(Primary+Secondary+Transport) **A.Vertical Drop Test** BIS No. : Scheme for Dropping Test : Test results : **B.Stack Load Test :** a) BIS No. : b)Scheme for Stack Load Test : c) Test results : **C.Vibration Leak Test :** a) BIS No. : b) Scheme for Vibration Test : c) Test results : **D.Rolling Test:** a) BIS No. : b) Scheme for Rolling Test : c) Test results : **E.Inclined Impact Test :** a) BIS No. : b) Scheme for Rolling Test : c) Test results : F.Any other Packaging Test under TWT as per IMDG / BIS /RC requirements : a) BIS No. : b) Test results :	
9.	Justification for change	
10.	Affidavit duly notarized regarding endorsement made earlier in respect of registration certificate	
11.	Label for New pack size (if applicable)	

Template for Endorsement Applications of New Pack Size with already approved packing material U/s 9(3)/ 9(4)

S. No.	Parameters	Reply/Response of applicant
1.	Duly signed Endorsement application	
2.	Notarized copy of Certificate of Registration	
3.	Type of packaging (Ultra small, small or Big whichever is applicable)	
4.	Manner of packaging: (a)Primary Packing (b) Secondary Packing (c) Transport Packing	
5.	Specification for primary, Secondary and Transport packages (whichever is applicable) Specification shall include: a) capacity, b) thickness, c) shape, d) size (LxWxH), e) brimful capacity, f) sealing system, g) Material of construction, Grade, h) Closure system, i) Gross/net weight of primary, secondary and transport packing,	
6.	Transport worthiness test (TWT) for proposed transport packing from NABL accrediated lab. 1) Name of the Laboratory : 2) NABL/GLP Status (Validity of NABL/GLP Certificate): 3) Name of the Study - _____ 4) Period of the Study : From ____ to _____ 5) Number of Months/Days : 6) BIS specification followed : 7) Primary Packing taken for test : 8) Secondary Packaging Taken for Test : 9) Transport Packing Taken for test : 10) Whether the primary,secondary and transport packing taken for tests are same as proposed in Manner of Packing : Yes/No 11) Number of Samples taken for Test : 12) Details of the Tests Conducted :(to cover all type of	

	proposed packing combinations -(Primary+Secondary+Transport) **A.Vertical Drop Test** BIS No. : Scheme for Dropping Test : Test results : **B.Stack Load Test :** a) BIS No. : b)Scheme for Stack Load Test : c) Test results : **C.Vibration Leak Test :** a) BIS No. : b) Scheme for Vibration Test : c) Test results : **D.Rolling Test:** a) BIS No. : b) Scheme for Rolling Test : c) Test results : **E.Inclined Impact Test :** a) BIS No. : b) Scheme for Rolling Test : c) Test results : F.Any other Packaging Test under TWT as per IMDG / BIS /RC requirements : a) BIS No. : b) Test results :	
7.	Justification for change	
8.	Affidavit duly notarized regarding endorsement made earlier in respect of registration certificate	
9.	Label for New pack size (if applicable)	

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PROFORMA FOR 9(4) TIM

General Information:

1.	**Application Number**	:	
2.	**Application category**	:	
3.	**Name and address of the firm**	:	
4.	**Name of the Authorised person with designation**	:	
5.	**Name of the Product**	:	

Technical Information:

Sr.No.	Description	:	
1.	Common of the Pesticide	:	
2.	IUPAC Name		
3.	CAS No.		
4.	Molecular Weight		
5.	Molecular Formula		
6.	Structure		
7.	Chemical Composition		
8.	Establishment of Chemical; equivalence along with RC Number:		
9.	Physical and Chemical properties of active ingredient. (*)		

Sr.No	Name of the test	Result	Acceptable Limit	Reference
1.	Moisture content			
2.	pH			
3.	Acidity/ alkalinity			

	4.	Relative Density			

10. **Method of Analysis (*) BIS specification number / Registered production specification has to submit as per draft BIS specification.**

Sr.No.	Description of methods	Acceptable Limit
1.	Method of analysis for a.i content	
2.	Method of analysis for impurity profile	
3.	Method of anlysis chemical identity test	

11. Analytical Test Report (ATR)

i. Name of the Laboratory where data generated:
ii) Complete details of NABL/ GLP certification. Of the laboratory:
ii) Complete details of study with date:

12. Shelf life of the product

13. **Detailed stepwise manufacturing process**
[Insert comprehensive description, including starting materials (with % purity) and their sources, stages and conditions, raw material used stagewise, solvents, intermediates, catalysts, extraction and purification steps, quantity recovery in the step of the TC/TK/Formulation.].
Include a flow diagram of the process.
Include the formation of impurities in each step with chemical reaction.
Indicate the location(s) of the manufacturing plant(s).

:o	14.	Effluent Treatment method with complete details.		
	15.	In-Process sample: i) Sample (To be drawn from the manufacturing sites) ii) CRM (invoice and original certificate) iii) Impurities (along with invoice and certificates)		
ni ic an				

d • - additional required test may be added depend on the molecule.

PROFORMA FOR 9(4) FI

General Information:

1.	**Application Number**	:	
2.	**Application category**	:	
3.	**Name and address of the firm**	:	
4.	**Name of the Authorised person with designation**	:	
5.	**Name of the Product**	:	

Technical Information:

Sr.No.	Description		
6.	**Details of source of supply of Formulation**		
7.	**Chemical Composition**		
8.	**Shelf-life claim**		
9.	**Establishment of chemical equivalence & RC number**		
10.	**Legalized/apostille letter of consent from the source of manufacturer**		
11.	**Registration Certificate of the molecule from source country.**		
12.	**In case the supplies are to be made through a supplier** **i) Details of legalized certificate from the exporting manufacturer**		
	ii) Detail of supplier in consent letter		
	iii) Complete details of the supplier of import		

PROFORMA FOR 9(4) TI

General Information:

1.	**Application Number**		
2.	**Application category**		
3.	**Name and address of the firm**		
4.	**Name of the Authorised person with designation**		
5.	**Name of the Product**		

Technical Information:

	Description		
1.	**Details of source of supply of Technical**		
2.	**Chemical Composition**		
3.	**Shelf-life claim**		
4.	**Establishment of chemical equivalence & RC number**		
5.	**Legalized/apostille letter of consent from the source of manufacturer**		
6.	**Registration Certificate of the molecule from source country.**		

7.	**In case the supplies are to be made through a supplier** **i) Details of legalized certificate from the exporting manufacturer**		
	ii) Detail of supplier in consent letter		
	iii) Complete details of the supplier of import		

PROFORMA FOR 9(4) FIM

General Information:

1.	**Application Number**		
2.	**Application category**		
3.	**Name and address of the firm**		
4.	**Name of the Authorised person with designation**		
5.	**Name of the Product**		

Technical Information:

Sr.No.	Description	:	
6.	**Details of source of supply of Technical**	:	
7.	**Chemical Composition**	:	
8.	**Shelf-life claim**	:	
9.	**Establishment of chemical equivalence**	:	

PROFORMA FOR 9(3) Export

General Information:

1.	**Application Number**	:	
2.	**Application category**	:	
3.	**Name and address of the firm**	:	
4.	**Name of the Authorised person with designation**	:	
5.	**Name of the Product**	:	

Technical Information:

Sr.No.	Description	:	
1.	**Common of the Pesticide**	:	
2.	**IUPAC Name**		
3.	**CAS No.**		
4.	**Molecular Weight**		
5.	**Molecular Formula**		
6.	**Structure**		
7.	**Chemical Composition**		
8.	**Validity of Chemixil certificate.**		
9.	**Valid Star export certificate. (For Star Export only)**		
10.	**Firm Order/purchase order from importer. (For fast track export only)**		
11.	**Registration status of the importing country. (For fast track export only)**		

12.	**Source of import / Process of manufacture/ Quantity importer along with calculation. (For fast track export only)**		
13.	**Affidivit duly notarized**		
14.	**Source of import / Complete Process of manufacture**		
15.	**Affidavit as per as RC**		
16.	**Shelf life of the product**		
17.	**Physical and Chemical Properties**		
18.	**BIS no. / Specification and method of analysis**		

TOXICOLOGY SCRTINY TEMPLATE

[9(3)TI, TIM,FIWRT-New Molecules]

GENERAL INFORMATIONS:

1.	**Application Details (Category etc.)**		
2.	**Test Substance/Chemical Details (Common Name, IUPAC Name, CAS N. Batch N.)**		
3.	**Assay Purity/Active Ingredient Content %**		
4.	**Type of Pesticides (Insecticide/ Fungicide/ Herbicide etc.)**		
5.	**Decoding Certificates details**		
6.	**Product Schedule Inclusion Details**		
7.	**Source of Technical Material In case of TI-New source: information on registered source and its chemical composition. (Including RC decision or CR etc.)**		
8.	**In case of formulation, status of technical registration (including RC decision or CR)**		
9.	**Source of manufacturer and supplier**		

2. RTT PERMIT

RTT PERMIT DETAILS						
Permit Number	Name of The Insecticide/Chemical	Quantity Approved	Name of The Importer	Name of The Manufacturer	Source of Procurement	Purpose of Import

3. LABEL AND LEAFLET

LABEL AND LEAFLET							
Chemical Composition	Precautions	Symptoms of Poisoning	Cautionary Statement	First Aid	Antidote	Toxicity Triangle	Pictogram Details

4. TEST SUBSTANCE & FORMULATION

1.	Physicochemical property		
2.	Adjuvants details		
3.	Compatibility		

1. STUDY DETAILS (Applicable for all Studies)

S. No.	Parameters							
1.	Study Report No. & Type							
2.	Sponsor (Name and Address)							
3.	Test Facility (Name and Address)							
4.	Test Guideline (OECD/EPA etc.)							
5.	Study Initiation Date							
6.	Study Completion Date							
7.	CoA Attached (Yes/No)							
8.	IAEC No.							
9.	NGCMA GLP Certificate (Validity up to)							

2. **STUDY DESIGN/METHODOLOGY (Applicable for all Studies)**

S. No.	Parameters						
1.	Species/Strain						
2.	No. and sex of animals per dose						
3.	Age and Body weight range at dosing						
4.	Doses/concentrations						
5.	Vehicle & positive control						
6.	Route of administration						
7.	Fasting Details (Duration) pre-dose						
8.	Housing conditions (Temperature, Relative Humidity, Light cycle)						
9.	Diet and water report (source)						
10.	Feed analysis certificate						
11.	Acclimatization period and grouping						
12.	Dosing Schedule/ Single or repeated						
13.	Rationale for dose selection						

14.	**Homogeneity/ Stability Analysis/ Concentration Analysis**						
15.	**Any deviation from protocol or amendments**						

1. ACUTE ORAL TOXICITY RAT

Executive Summary:

In an acute oral toxicity study groups (#/sex) of strain, species (source), (age, weight) were given a single oral dose of (formulation/technical, note a.i. and %) in (vehicle or undiluted test article) at doses of??? or??mg/kg bw. Animals were then observed for (#) days.

Study Endpoints:

Oral LD_{50} = mg/kg bw

Toxicity based on the LD_{50} in males or females whichever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV.

Dose (mg/kg b.w)	Mortality/Number Tested	Morbidity/Number Tested	Survived/ Number Tested
	Males/ Females	Males/ Females	Males/ Females

Statistics/If any: The oral LD_{50} was calculated using the

Observations:

Morality: as noted in table.

Clinical observations including signs & symptoms:

Gross Necropsy/ pathological findings:

Weight changes:

Conclusions:

2. ACUTE DERMAL TOXICITY RAT

Executive Summary:

In an acute dermal toxicity study, groups (#/sex) of strain, species (source), (age, weight) were dermally exposed to (formulation/technical, note a.i. and %) in (vehicle or undiluted test article) to (% or amount of body surface area) at doses of, or mg/kg bw. Test sites were covered with a(n) occlusive/semi-occlusive dressing for (#) hours. Animals were then observed for (#) days.

Study Endpoints:

Dermal LD50 = mg/kg bw

Toxicity based on the LD50 in males or females whichever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV.

Dose (mg/kg b.w)	Mortality/Number Tested Males/ Females	Morbidity/Number Tested Males/ Females	Survived/ Number Tested Males/ Females

Statistics/If any: The Dermal LD_{50} was calculated using the

Observations:

A. **Morality: as noted in table.**

B. **Clinical observations including signs & symptoms:**

C. **Gross Necropsy/ pathological findings:**

D. **Weight changes:**

Conclusions:

3. ACUTE INHALATIONAL TOXICITY RAT

Executive Summary:

In an acute inhalation toxicity study, groups (#/sex) of strain, species (source), (age, weight) were exposed (nose only, head only or whole body) via the inhalation route to (formulation/technical, note a.i. and %) in (name of vehicle or undiluted test article) for [#] hours at concentrations of mg/L. Animals were then observed for [#] days.

Study Endpoints:

LC50 = mg/L

Toxicity: based on (males or females whichever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV.

Nominal Conc. (mg/L)	Actual Conc. (Gravimetric/ Analytical) (mg/L)	MMAD	GSD	Mortality/Number Tested	Morbidity/Number Tested	Survived/ Number Tested
				Males/ Females	Males/ Females	Males/ Females

TEST ATMOSPHERE /CHAMBER DESCRIPTION:

Chamber Volume:	
Airflow:	
Temperature:	
Relative Humidity:	
Time to Equilibrium:	

Test the atmosphere concentration:

Particle size determination:

Statistics/if any: The LC_{50} was calculated using the

Observations:

A. **Morality: as noted in table.**
B. **Clinical observations including signs & symptoms:**
C. **Gross Necropsy/ pathological findings:**
D. **Weight changes:**

Conclusions:

4. ACUTE EYE IRRITATION RABBIT

Executive Summary:

In an acute eye irritation study, (volume or weight of test material applied) of (formulation/technical, note a.i. and %) in (name of vehicle if appropriate, or undiluted test material) was instilled into the conjunctival sac of (which eye) of (#/sex), (strain), (species - rabbits) (source, age, weight) for [#] hours. (Note if eyes were washed) Animals were then observed for *[#]* days. Irritation was scored by the method as per guideline.

In this study, formulation/technical is not an eye irritant OR is minimally, mildly, moderately, severely, or extremely irritating to the eye based on GHS/EPA Toxicity Category I, II, III, IV.

Parameters	**Number "positive"/number tested**							
	Hours				**Days**			
Observations	**1**	**24**	**48**	**72**	**4**	**7**	**14**	**21**
Corneal Opacity								
Iritis								
Redness								
Chemosis								
Discharge								
Conjunctivae:								

Clinical observations including ocular signs & symptoms/ reactions:

Conclusion:

5. ACUTE DERMAL IRRITATION/PRIMARY SKIN IRRITATION RABBIT

Executive Summary:
In a primary skin irritation study, (#/sex) strain, species (source), (age, weight) were dermally exposed to (volume or weight of test material applied) of (formulation/technical, note a.i. and %) in (name of vehicle or undiluted test material) to (% or amount of body surface area - state location of test site). Test sites were covered with a(n) occlusive/semi-occlusive dressing for (#) hours. Animals were then observed for [#] days. Irritation was scored by the method of (cite method).
In this study, formulation/technical is not a dermal irritating OR is corrosive to the skin based on. GHS/EPA Toxicity Category I, II, III, IV.

	Number "positive"/number tested			
	Hours			
Observations	**1**	**24**	**48**	**72**
Erythema and Eschar Formation				
Oedema				

Observations:

Results:

Conclusions:

6. SKIN SENSITIZATION GUINEA PIG/LLNA

Executive Summary:
In a dermal sensitization study with (formulation/technical, note a.i. and %) in (name of vehicle if appropriate or undiluted test article), strain, species (source)(age, weight) were tested using the method of (cite study type). Identify positive control material. List clinical signs (systemic and local for LLNA) and mortality. Necropsy results for LLNA if significant.
Results and discussion:

A. Reactions and duration:

B. Positive control:

C. Conclusions:

OBSERVATIONS FOR MAXIMIZATION TEST (GPMT) AND BUEHLER TEST:

a. Justification for positive control other than mentioned in guideline:

b. Dose Range Finding Study (DRFS) result:

c. Treatment and control skin reaction observation

Group		Skin reaction observation (dermal scoring)		
		21 hours of patch removal	**Approx. 48 hours post challenge application**	**Approx. 72 hours post challenge application**
Treatment group	**Male**			
Naïve control				
Treatment group	**Female**			
Naïve control				

0 = no visible change 1 = discrete or patchy erythema 2 = moderate and confluent erythema 3 = intense erythema and swelling

d. Result of positive control for reliability check:

e. Clinical observations if any,

histopathological examination	
skin fold thickness	

Observations for Local Lymph Node Assay (LLNA) Test:

Observations	**Results**
Dose Range Finding Study (DRFS) result:	
Clinical Observations	
Body weights changes	
Ear erythema measurements	
Ear thickness measurements	
Statistical tool used	
DPM of positive control (mean and associated error term)	
Stimulation index of positive control (concurrent/ historical)	
DPM of treatment group (mean and associated error term)	
Stimulation index of treatment group	
DPM of vehicle control group (mean and associated error term)	
Stimulation index of Vehicle control group (if any)	

DPM: Disintegration Per Mint

REPEATED DOSE 28-DAY ORAL TOXICITY-RODENT

A. Executive Summary:

In a 28-day oral toxicity study test substance (technical/formulation was administered to *[(# of animals) species, strain]*/sex/dose in *[diet, water, by gavage]* at dose levels of 0, x, x, or x ppm (equivalent to 0, x, x, x mg/kg bw/day).

[Describe toxicity briefly following instructions for exec summary paragraph 2. If there is no toxicity, state that there were no compound related effects on mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic pathology.

***Note:** if there was a NOAEL for clinical findings and when they occurred (for acute reference dose consideration during subsequent risk assessment.)]*.

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

B. STUDY DESIGN:

Animal assignment: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: Study design *[change heading and units as appropriate for method of administration]*

Test Group	Conc. in Diet *(units)*	Dose to Animal *(units)*	# Male	# Female
Control				
Low				
Mid				
High				

Dose selection rationale:

The dose levels were selected based on the results from *[state study type(s)]* where *[route]* - administration of up to *[dose]* resulted in *[state effects]*. *[Use data from range-finding study if available.]*

Statistics - *[list parameters that were analyzed and the statistical methods used]*

C. RESULT & DISCUSSION (Observations):

1. Clinical signs of toxicity: *[include cage side observations and clinical examinations; note when signs were first observed]*

2. Mortality:

3. Neurological Evaluations - The following evaluations (measurements) were performed on day *[insert treatment day*: *[list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*

4. Body weight and weight gain: *[include a table of body weight gain, especially 0-30, 30-60, 60-90 days, only when there is a treatment-related effect]*

5. Food consumption and compound intake *[if feeding study]*:

a. Food consumption:

b. Compound consumption: *[time-weighted average] [include compound intake in table 1]* -

c. Food efficiency: *[if relevant]* - *[relate to any changes in body weight]*

6. Ophthalmoscopic examination:

7. Blood analyses: [Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]:

a. Hematology: [relate to any histological findings]

Hematology:

Hematocrit (HCT)*		Leukocyte differential count*
Hemoglobin (HGB)*		Mean corpuscular HGB (MCH)*
Leukocyte count (WBC)*		Mean corpusc. HGB conc.(MCHC)*
Erythrocyte count (RBC)*		Mean corpusc. volume (MCV)*
Platelet count*		Reticulocyte count
Blood clotting measurements*		
(Thromboplastin time)		
(Clotting time)		
(Prothrombin time)		

b. Clinical Chemistry: [relate to any histological findings]
Blood was collected *[were animals fasted? time of collection and how many animals]* for hematology and clinical chemistry from all surviving animals. The CHECKED (X) parameters were examined.

ELECTROLYTES		**OTHER**
Calcium		Albumin*
Chloride		Creatinine*
Magnesium		Urea nitrogen*
Phosphorus		Total Cholesterol*
Potassium*		Globulins
Sodium*		Glucose*
ENZYMES		Total bilirubin
Alkaline phosphatase (ALK)*		Total protein (TP)*
Cholinesterase (ChE)		Triglycerides
Creatine phosphokinase		Serum protein electrophoresis
Lactic acid dehydrogenase (LDH)		
Alanine aminotransferase (ALT/also SGPT)*		
Aspartate aminotransferase (AST/also SGOT)*		
Sorbitol dehydrogenase*		
Gamma glutamyl transferase (GGT)*		
Glutamate dehydrogenase		

Clinical Chemistry:

8. Urinalysis:
Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

Appearance*		Glucose
Volume*		Ketones
Specific gravity/osmolality*		Bilirubin
pH*		Blood/blood cells*
Sediment (microscopic)		Nitrate
Protein*		Urobilinogen

* Recommended for 90-day oral rodent studies

9. **Gross and histopathology**: [Tables are recommended for treatment-related findings; limit text to integration of findings, highlights]

1. Organ weight - [absolute and relative as appropriate, relate to any histological changes]
2. Gross pathology -
3. Microscopic pathology - [relate with other findings, as appropriate]

D. CONCLUSION:

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.]

REPEATED DOSE 90-DAY ORAL TOXICITY-RODENT

A. Executive Summary:

In a 90-day oral toxicity study test substance (technical/formulation was administered to *[(# of animals) species, strain]*/sex/dose in *[diet, water, by gavage]* at dose levels of 0, x, x, or x ppm (equivalent to 0, x, x, x mg/kg bw/day).

[Describe toxicity briefly following instructions for exec summary paragraph 2. If there is no toxicity, state that there were no compound related effects on mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic pathology.

***Note:** if there was a NOAEL for clinical findings and when they occurred (for acute reference dose consideration during subsequent risk assessment.)]*.

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

B. STUDY DESIGN:

1. Animal assignment: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: Study design *[change heading and units as appropriate for method of administration]*

Test Group	Conc. in Diet *(units)*	Dose to Animal *(units)*	# Male	# Female
Control				
Low				
Mid				
High				

2. Dose selection rationale:

The dose levels were selected based on the results from *[state study type(s)]* where *[route]* - administration of up to *[dose]* resulted in *[state effects]*. *[Use data from range-finding study if available.]*

3. Statistics - *[list parameters that were analyzed and the statistical methods used]*

C. RESULT & DISCUSSION (Observations):

1. Clinical signs of toxicity: *[include cage side observations and clinical examinations; note when signs were first observed]*

2. Mortality:

3. Neurological Evaluations - The following evaluations (measurements) were performed on day *[insert treatment day: [list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*

4. Body weight and weight gain: *[include a table of body weight gain, especially 0-30, 30-60, 60-90 days, only when there is a treatment-related effect]*

5. Food consumption and compound intake *[if feeding study]*:

a. Food consumption:

b. Compound consumption: *[time-weighted average] [include compound intake in table 1]* -

c. Food efficiency: *[if relevant] - [relate to any changes in body weight]*

6. **Ophthalmoscopic examination:**
7. **Blood analyses:** [Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]:

a. Hematology: [relate to any histological findings]

Hematology:

Hematocrit (HCT)*		Leukocyte differential count*
Hemoglobin (HGB)*		Mean corpuscular HGB (MCH)*
Leukocyte count (WBC)*		Mean corpusc. HGB conc.(MCHC)*
Erythrocyte count (RBC)*		Mean corpusc. volume (MCV)*
Platelet count*		Reticulocyte count
Blood clotting measurements*		
(Thromboplastin time)		
(Clotting time)		
(Prothrombin time)		

b. Clinical Chemistry: [relate to any histological findings]

Blood was collected *[were animals fasted? time of collection and how many animals]* for hematology and clinical chemistry from all surviving animals. The CHECKED (X) parameters were examined.

Clinical Chemistry:

ELECTROLYTES		**OTHER**
Calcium		Albumin*
Chloride		Creatinine*
Magnesium		Urea nitrogen*
Phosphorus		Total Cholesterol*
Potassium*		Globulins
Sodium*		Glucose*
ENZYMES		Total bilirubin
Alkaline phosphatase (ALK)*		Total protein (TP)*
Cholinesterase (ChE)		Triglycerides
Creatine phosphokinase		Serum protein electrophoresis
Lactic acid dehydrogenase (LDH)		
Alanine aminotransferase (ALT/also SGPT)*		
Aspartate aminotransferase (AST/also SGOT)*		
Sorbitol dehydrogenase*		
Gamma glutamyl transferase (GGT)*		
Glutamate dehydrogenase		

8. Urinalysis:

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

Appearance*		Glucose
Volume*		Ketones
Specific gravity/osmolality*		Bilirubin
pH*		Blood/blood cells*
Sediment (microscopic)		Nitrate
Protein*		Urobilinogen

* Recommended for 90-day oral rodent studies

9. **Gross and histopathology**: [Tables are recommended for treatment-related findings; limit text to integration of findings, highlights]

1. Organ weight - [absolute and relative as appropriate, relate to any histological changes]
2. Gross pathology -
3. Microscopic pathology - [relate with other findings, as appropriate]

D. CONCLUSION:

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.]

REPEATED DOSE DERMAL TOXICITY (28-DAY)-RAT/RABBIT

Executive Summary:

In a 28-day dermal toxicity study test substance was applied to the shaved skin of *[(# of animals) species, strain]*/sex/dose at dose levels of 0, x, x, x mg/kg bw/day, 6 hours/day for 5 days/week during a 28-day period.

[Describe toxicity briefly. If there is no toxicity, state that there were no compound related effects in mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic pathology. Note if there was a LOAEL/NOAEL for clinical findings (for acute reference dose consideration during subsequent risk assessment)].

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

B. STUDY DESIGN:

1. Animal assignment: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: Study design *[change heading and units as appropriate for method of administration]*

Test Group	Conc. in Diet *(units)*	Dose to Animal *(units)*	# Male	# Female
Control				
Low				
Mid				
High				

2. Dose selection rationale:

The dose levels were selected based on the results from *[state study type(s)]* where *[route]* - administration of up to *[dose]* resulted in *[state effects]. [Use data from range-finding study if available.]*

3. Statistics - *[list parameters that were analyzed and the statistical methods used]*

C. RESULT & DISCUSSION (Observations):

1. Clinical signs of toxicity: *[include cage side observations and clinical examinations; note when signs were first observed]*

2. Mortality:

3. Neurological Evaluations - The following evaluations (measurements) were performed on day *[insert treatment day: [list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*

4. Dermal irritation:

5. Body weight and weight gain: *[include a table of body weight gain, especially 0-30, 30-60, 60-90 days, only when there is a treatment-related effect]*

6. FOOD CONSUMPTION AND COMPOUND INTAKE *[if feeding study]*:

a. Food consumption:

b. Compound consumption: *[time-weighted average] [include compound intake in table 1]* -

c. Food efficiency: *[if relevant]* - *[relate to any changes in body weight]*

7. Ophthalmoscopic examination:

8. Blood analyses: [Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]:

a. Hematology: [relate to any histological findings]

Hematology:

Hematocrit (HCT)*		Leukocyte differential count*
Hemoglobin (HGB)*		Mean corpuscular HGB (MCH)*
Leukocyte count (WBC)*		Mean corpusc. HGB conc.(MCHC)*
Erythrocyte count (RBC)*		Mean corpusc. volume (MCV)*
Platelet count*		Reticulocyte count
Blood clotting measurements*		
(Thromboplastin time)		
(Clotting time)		
(Prothrombin time)		

b. Clinical Chemistry: [relate to any histological findings]

Blood was collected *[were animals fasted? time of collection and how many animals]* for hematology and clinical chemistry from all surviving animals. The CHECKED (X) parameters were examined.

Clinical Chemistry:

ELECTROLYTES		**OTHER**
Calcium		Albumin*
Chloride		Creatinine*
Magnesium		Urea nitrogen*
Phosphorus		Total Cholesterol*
Potassium*		Globulins
Sodium*		Glucose*
ENZYMES		Total bilirubin
Alkaline phosphatase (ALK)*		Total protein (TP)*
Cholinesterase (ChE)		Triglycerides
Creatine phosphokinase		Serum protein electrophoresis
Lactic acid dehydrogenase (LDH)		
Alanine aminotransferase (ALT/also SGPT)*		
Aspartate aminotransferase (AST/also SGOT)*		
Sorbitol dehydrogenase*		
Gamma glutamyl transferase (GGT)*		
Glutamate dehydrogenase		

7. Urinalysis:

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

Appearance*		Glucose
Volume*		Ketones
Specific gravity/osmolality*		Bilirubin
pH*		Blood/blood cells*
Sediment (microscopic)		Nitrate
Protein*		Urobilinogen

* Recommended for 90-day oral rodent studies

8. Gross and histopathology: [Tables are recommended for treatment-related findings; limit text to integration of findings, highlights]

1. Organ weight - [absolute and relative as appropriate, relate to any histological changes]
2. Gross pathology -
3. Microscopic pathology - [relate with other findings, as appropriate]

All animals that died and those sacrificed on schedule were subjected to gross pathological examination and the CHECKED (X) tissues were collected for histological examination *[note if not all collected tissues were examined]*. The (XX) organs, in addition, were weighed.

DIGESTIVE SYSTEM		**CARDIOVASCULAR/ HEMATOLOGY**	**NEUROLOGIC**
Tongue		Aorta*	Brain*+
Salivary glands*		Heart*+	Peripheral nerve*
Esophagus*		Bone marrow*	Spinal cord (3 levels)*
Stomach*		Lymph nodes*	Pituitary*
Duodenum*		Spleen*+	Eyes (optic nerve)*
Jejunum*		Thymus*+	**GLANDULAR**
Ileum*			Adrenal gland*+
Cecum*		**UROGENITAL**	Lacrimal gland
Colon*		Kidneys*+	Parathyroid*
Rectum*		Urinary bladder*	Thyroid*
Liver*+		Testes*+	**OTHER**
Gall bladder (not rat)*		Epididymides*+	Bone (sternum and/or femur)
Bile duct (rat)		Prostate*	Skeletal muscle
Pancreas*		Seminal vesicles*	Skin*
RESPIRATORY		Ovaries*+	All gross lesions and masses*
Trachea*		Uterus*+	
Lung*		Mammary gland*	
Nose*			
Pharynx*			
Larynx*			

+ Organ weights required for rodent studies.

D. CONCLUSION:

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

10. REPEATED DOSE DERMAL TOXICITY (90-DAY) RAT/RABBIT

A. Executive Summary:

In a 90-day dermal toxicity study the test substance was applied to the shaved skin of *[(# of animals) species, strain]*/sex/dose at dose levels of 0, x, x, x mg/kg bw/day, 6 hours/day for 5 days/week during a 90-day period.

[Describe toxicity briefly. If there is no toxicity, state that there were no compound related effects in mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic pathology. Note if there was a LOAEL/NOAEL for clinical findings (for acute reference dose consideration during subsequent risk assessment)].

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

B. STUDY DESIGN:

1. Animal assignment: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: Study design *[change heading and units as appropriate for method of administration]*

Test Group	Conc. in Diet *(units)*	Dose to Animal *(units)*	# Male	# Female
Control				
Low				
Mid				
High				

2. Dose selection rationale: -

The dose levels were selected based on the results from *[state study type(s)]* where *[route]* - administration of up to *[dose]* resulted in *[state effects]. [Use data from range-finding study if available.]*

3. Statistics - *[list parameters that were analyzed and the statistical methods used]*

C. RESULT & DISCUSSION (Observations):

1. Clinical signs of toxicity: *[include cage side observations and clinical examinations; note when signs were first observed]*

2. Mortality:

3. Neurological Evaluations - The following evaluations (measurements) were performed on day *[insert treatment day: [list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*

4. Dermal irritation:

5. Body weight and weight gain: *[include a table of body weight gain, especially 0-30, 30-60, 60-90 days, only when there is a treatment-related effect]*

6. FOOD CONSUMPTION AND COMPOUND INTAKE *[if feeding study]*:

a. Food consumption:

b. Compound consumption: *[time-weighted average] [include compound intake in table 1]* -

c. Food efficiency: *[if relevant] - [relate to any changes in body weight]*

7. Ophthalmoscopic examination:

8. Blood analyses: [Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]:

a. Hematology: [relate to any histological findings]

Hematology:

	Hematocrit (HCT)*		Leukocyte differential count*
	Hemoglobin (HGB)*		Mean corpuscular HGB (MCH)*
	Leukocyte count (WBC)*		Mean corpusc. HGB conc.(MCHC)*
	Erythrocyte count (RBC)*		Mean corpusc. volume (MCV)*
	Platelet count*		Reticulocyte count
	Blood clotting measurements*		

	(Thromboplastin time)		
	(Clotting time)		
	(Prothrombin time)		

b. Clinical Chemistry: [relate to any histological findings]

Blood was collected *[were animals fasted? time of collection and how many animals]* for hematology and clinical chemistry from all surviving animals. The CHECKED (X) parameters were examined.

Clinical Chemistry:

	ELECTROLYTES		**OTHER**
	Calcium		Albumin*
	Chloride		Creatinine*
	Magnesium		Urea nitrogen*
	Phosphorus		Total Cholesterol*
	Potassium*		Globulins
	Sodium*		Glucose*
	ENZYMES		Total bilirubin
	Alkaline phosphatase (ALK)*		Total protein (TP)*
	Cholinesterase (ChE)		Triglycerides
	Creatine phosphokinase		Serum protein electrophoresis
	Lactic acid dehydrogenase (LDH)		
	Alanine aminotransferase (ALT/also SGPT)*		
	Aspartate aminotransferase (AST/also SGOT)*		
	Sorbitol dehydrogenase*		
	Gamma glutamyl transferase (GGT)*		
	Glutamate dehydrogenase		

9. Urinalysis:

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

	Appearance*		Glucose
	Volume*		Ketones
	Specific gravity/osmolality*		Bilirubin
	pH*		Blood/blood cells*
	Sediment (microscopic)		Nitrate
	Protein*		Urobilinogen

* Recommended for 90-day oral rodent studies

10. Gross and histopathology: [Tables are recommended for treatment-related findings; limit text to integration of findings, highlights]

1. Organ weight - [absolute and relative as appropriate, relate to any histological changes]
2. Gross pathology -
3. Microscopic pathology - [relate with other findings, as appropriate]

All animals that died and those sacrificed on schedule were subjected to gross pathological examination and the CHECKED (X) tissues were collected for histological examination *[note if not all collected tissues were examined]*. The (XX) organs, in addition, were weighed.

	DIGESTIVE SYSTEM		**CARDIOVASCULAR / HEMATOLOGY**		**NEUROLOGIC**
	Tongue		Aorta*		Brain*+
	Salivary glands*		Heart*+		Peripheral nerve*
	Esophagus*		Bone marrow*		Spinal cord (3 levels)*
	Stomach*		Lymph nodes*		Pituitary*
	Duodenum*		Spleen*+		Eyes (optic nerve)*
	Jejunum*		Thymus*+		**GLANDULAR**
	Ileum*				Adrenal gland*+
	Cecum*		**UROGENITAL**		Lacrimal gland
	Colon*		Kidneys*+		Parathyroid*
	Rectum*		Urinary bladder*		Thyroid*
	Liver*+		Testes*+		**OTHER**
	Gall bladder (not rat)*		Epididymides*+		Bone (sternum and/or femur)
	Bile duct (rat)		Prostate*		Skeletal muscle
	Pancreas*		Seminal vesicles*		Skin*
	RESPIRATORY		Ovaries*+		All gross lesions and masses*
	Trachea*		Uterus*+		
	Lung*		Mammary gland*		
	Nose*				
	Pharynx*				
	Larynx*				

+ Organ weights required for rodent studies.

D. CONCLUSION:

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

REPEATED DOSE INHALATION TOXICITY (28-DAY)-RAT

A. Executive Summary:

In a sub-chronic inhalation toxicity study test substance was administered to *[(# of animals) species, strain]*/sex/concentration by dynamic *[nose only, head only or whole body]* exposure at concentrations of 0, x, x, x mg/L for x hours per day, x days/week for a total of x days *(include concentrations in units reported in the study as well as mg/L conversion).*

[Describe toxicity briefly. If there is no toxicity, state that there were no compound related effects in mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic pathology. Note if there was a LOAEL/NOAEL for clinical findings (for acute reference dose consideration during subsequent risk assessment)].

The LOAEL is mg/L/day, based on the NOAEL is mg/L/day.

B. STUDY DESIGN:

1. Animal assignment

Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: Study design

Test group	Nominal Conc. (mg/L)	Analytical Conc. (mg/L)	MMAD	GSD	Rats/sex
Control					
Low (LCT)					
Mid (MCT)					
High (HCT)					

2. Dose selection rationale

The dose levels were selected based on the results from *[state study type(s)]* where *[route-*administration of up to *[dose]* resulted in *[state effects]. [Use data from range-finding study if available.]*

3. Generation of the test atmosphere / chamber description:

Time to equilibrium was.

Analytical Chemistry.

Test atmosphere concentration *[give method and results]*. Results are in table 1 above.

Particle size determination [*give method and results]*. Results are in table 1 above.

2. **Statistics** - *[list parameters that were analyzed and the statistical methods used]*

C. RESULT & DISCUSSION (Observations):

1. Clinical signs of toxicity: *[include cage side observations and clinical examinations; note when signs were first observed]*

2. Mortality:

3. Neurological Evaluations - The following evaluations (measurements) were performed on day *[insert treatment day: [list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*

4. Body weight and weight gain: *[include a table of body weight gain, especially 0-30, 30-60, 60-90 days, only when there is a treatment-related effect]*

5. FOOD CONSUMPTION AND COMPOUND INTAKE *[if feeding study]*:

a. Food consumption:

b. Compound consumption: *[time-weighted average] [include compound intake in table 1]* -

c. Food efficiency: *[if relevant] - [relate to any changes in body weight]*

6. Ophthalmoscopic examination:

7. Blood analyses: [Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]:

a. Hematology: [relate to any histological findings]

Hematology:

	Hematocrit (HCT)*		Leukocyte differential count*
	Hemoglobin (HGB)*		Mean corpuscular HGB (MCH)*
	Leukocyte count (WBC)*		Mean corpusc. HGB conc.(MCHC)*
	Erythrocyte count (RBC)*		Mean corpusc. volume (MCV)*
	Platelet count*		Reticulocyte count
	Blood clotting measurements*		
	(Thromboplastin time)		
	(Clotting time)		
	(Prothrombin time)		

b. Clinical Chemistry: [relate to any histological findings]

Blood was collected *[were animals fasted? time of collection and how many animals]* for hematology and clinical chemistry from all surviving animals. The CHECKED (X) parameters were examined.

Clinical Chemistry:

	ELECTROLYTES		**OTHER**
	Calcium		Albumin*
	Chloride		Creatinine*
	Magnesium		Urea nitrogen*
	Phosphorus		Total Cholesterol*
	Potassium*		Globulins
	Sodium*		Glucose*
	ENZYMES		Total bilirubin
	Alkaline phosphatase (ALK)*		Total protein (TP)*
	Cholinesterase (ChE)		Triglycerides
	Creatine phosphokinase		Serum protein electrophoresis
	Lactic acid dehydrogenase (LDH)		
	Alanine aminotransferase (ALT/also SGPT)*		
	Aspartate aminotransferase (AST/also SGOT)*		
	Sorbitol dehydrogenase*		
	Gamma glutamyl transferase (GGT)*		
	Glutamate dehydrogenase		

8. Urinalysis:

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

	Appearance*		Glucose
	Volume*		Ketones
	Specific gravity/osmolality*		Bilirubin
	pH*		Blood/blood cells*
	Sediment (microscopic)		Nitrate
	Protein*		Urobilinogen

* Recommended for 90-day oral rodent studies

9. Gross and histopathology: [Tables are recommended for treatment-related findings; limit text to integration of findings, highlights]

1. Organ weight - [absolute and relative as appropriate, relate to any histological changes]
2. Gross pathology -
3. Microscopic pathology - [relate with other findings, as appropriate]

All animals that died and those sacrificed on schedule were subjected to gross pathological examination and the CHECKED (X) tissues were collected for histological examination *[note if not all collected tissues were examined]*. The (XX) organs, in addition, were weighed.

DIGESTIVE SYSTEM	**CARDIOVASCULAR/ HEMATOLOGY**	**NEUROLOGIC**
Tongue	Aorta*	Brain*+
Salivary glands*	Heart*+	Peripheral nerve*
Esophagus*	Bone marrow*	Spinal cord (3 levels)*
Stomach*	Lymph nodes*	Pituitary*
Duodenum*	Spleen*+	Eyes (optic nerve)*
Jejunum*	Thymus*+	**GLANDULAR**
Ileum*		Adrenal gland*+
Cecum*	**UROGENITAL**	Lacrimal gland
Colon*	Kidneys*+	Parathyroid*
Rectum*	Urinary bladder*	Thyroid*
Liver*+	Testes*+	**OTHER**
Gall bladder (not rat)*	Epididymides*+	Bone (sternum and/or femur)
Bile duct (rat)	Prostate*	Skeletal muscle
Pancreas*	Seminal vesicles*	Skin*
RESPIRATORY	Ovaries*+	All gross lesions and masses*
Trachea*	Uterus*+	
Lung*	Mammary gland*	
Nose*		
Pharynx*		
Larynx*		

+ Organ weights required for rodent studies.

D. CONCLUSION:

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

REPEATED DOSE 90-DAY ORAL TOXICITY-NON-RODENT/ DOG

A. Executive Summary:

In a 90-day oral toxicity study test substance (technical/formulation was administered to *[(# of animals) species, strain]*/sex/dose in *[diet, water, by gavage]* at dose levels of 0, x, x, or x ppm (equivalent to 0, x, x, x mg/kg bw/day).

[Describe toxicity briefly following instructions for exec summary paragraph 2. If there is no toxicity, state that there were no compound related effects on mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic pathology.

***Note:** if there was a NOAEL for clinical findings and when they occurred (for acute reference dose consideration during subsequent risk assessment.)]*.

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

B. STUDY DESIGN:

1. Animal assignment: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: Study design *[change heading and units as appropriate for method of administration]*

Test Group	Conc. in Diet *(units)*	Dose to Animal *(units)*	# Male	# Female
Control				
Low				
Mid				
High				

2. Dose selection rationale:

The dose levels were selected based on the results from *[state study type(s)]* where *[route]* - administration of up to *[dose]* resulted in *[state effects]*. *[Use data from range-finding study if available.]*

3. Statistics - *[list parameters that were analyzed and the statistical methods used]*

C. RESULT & DISCUSSION (Observations):

1. Clinical signs of toxicity: *[include cage side observations and clinical examinations; note when signs were first observed]*

2. Mortality:

3. Neurological Evaluations - The following evaluations (measurements) were performed on day *[insert treatment day: [list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*

4. Body weight and weight gain: *[include a table of body weight gain, especially 0-30, 30-60, 60-90 days, only when there is a treatment-related effect]*

5. FOOD CONSUMPTION AND COMPOUND INTAKE *[if feeding study]*:

a. Food consumption:

b. Compound consumption: *[time-weighted average] [include compound intake in table 1]* -

c. Food efficiency: *[if relevant]* - *[relate to any changes in body weight]*

6. Ophthalmoscopic examination:

7. **Blood analyses:** [Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]:

a. Hematology: [relate to any histological findings]

Hematology:

	Hematocrit (HCT)*		Leukocyte differential count*
	Hemoglobin (HGB)*		Mean corpuscular HGB (MCH)*
	Leukocyte count (WBC)*		Mean corpusc. HGB conc.(MCHC)*
	Erythrocyte count (RBC)*		Mean corpusc. volume (MCV)*
	Platelet count*		Reticulocyte count
	Blood clotting measurements*		
	(Thromboplastin time)		
	(Clotting time)		
	(Prothrombin time)		

b. Clinical Chemistry: [relate to any histological findings]

Blood was collected *[were animals fasted? time of collection and how many animals]* for hematology and clinical chemistry from all surviving animals. The CHECKED (X) parameters were examined.

Clinical Chemistry:

	ELECTROLYTES		**OTHER**
	Calcium		Albumin*
	Chloride		Creatinine*
	Magnesium		Urea nitrogen*
	Phosphorus		Total Cholesterol*
	Potassium*		Globulins
	Sodium*		Glucose*
	ENZYMES		Total bilirubin
	Alkaline phosphatase (ALK)*		Total protein (TP)*
	Cholinesterase (ChE)		Triglycerides
	Creatine phosphokinase		Serum protein electrophoresis
	Lactic acid dehydrogenase (LDH)		
	Alanine aminotransferase (ALT/also SGPT)*		
	Aspartate aminotransferase (AST/also SGOT)*		
	Sorbitol dehydrogenase*		
	Gamma glutamyl transferase (GGT)*		
	Glutamate dehydrogenase		

8. **Urinalysis:**

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

	Appearance*		Glucose
	Volume*		Ketones

	Specific gravity/osmolality*		Bilirubin
	pH*		Blood/blood cells*
	Sediment (microscopic)		Nitrate
	Protein*		Urobilinogen

* Recommended for 90-day oral rodent studies

9. Gross and histopathology: [Tables are recommended for treatment-related findings; limit text to integration of findings, highlights]

1. Organ weight - [absolute and relative as appropriate, relate to any histological changes]
2. Gross pathology -
3. Microscopic pathology - [relate with other findings, as appropriate]

All animals that died and those sacrificed on schedule were subjected to gross pathological examination and the CHECKED (X) tissues were collected for histological examination *[note if not all collected tissues were examined]*. The (XX) organs, in addition, were weighed.

	DIGESTIVE SYSTEM		**CARDIOVASCULAR / HEMATOLOGY**		**NEUROLOGIC**
	Tongue		Aorta*		Brain*+
	Salivary glands*		Heart*+		Peripheral nerve*
	Esophagus*		Bone marrow*		Spinal cord (3 levels)*
	Stomach*		Lymph nodes*		Pituitary*
	Duodenum*		Spleen*+		Eyes (optic nerve)*
	Jejunum*		Thymus*+		**GLANDULAR**
	Ileum*				Adrenal gland*+
	Cecum*		**UROGENITAL**		Lacrimal gland
	Colon*		Kidneys*+		Parathyroid*
	Rectum*		Urinary bladder*		Thyroid*
	Liver*+		Testes*+		**OTHER**
	Gall bladder (not rat)*		Epididymides*+		Bone (sternum and/or femur)
	Bile duct (rat)		Prostate*		Skeletal muscle
	Pancreas*		Seminal vesicles*		Skin*
	RESPIRATORY		Ovaries*+		All gross lesions and masses*
	Trachea*		Uterus*+		
	Lung*		Mammary gland*		
	Nose*				
	Pharynx*				
	Larynx*				

+ Organ weights required for rodent studies.

D. CONCLUSION:

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

ACUTE NEUROTOXICITY RODENT

A. Executive Summary:

In an acute neurotoxicity study, groups of *(fasted)*, *(age)* *(strain)* *(species)* *(#/sex)* were given a single oral dose of *(chemical name (% a.i., batch/lot #)* in *(name of vehicle)* at doses of x, x, or x mg/kg bw and observed for *(#)* days. Neurobehavioral assessment (functional observational battery and motor activity testing) was performed in *[number]* animals/sex/group *[at what time points]*. *[If applicable]* Cholinesterase activity was determined by the *[?]* method in *X* rats/sex/dose in plasma and erythrocytes *[at what time points]*, and in *[# of regions or whole]* brain *[at what time points]*. At study termination, *[how many?]* animals/sex/group were euthanized and perfused [*in situ*] for neuropathological examination. Of the perfused animals, *[how many from which groups?]* were subjected to histopathological evaluation of brain and peripheral nervous system tissues.

[Any additional measures should be included in procedures section above.]

Discuss findings at low, mid- and high doses. Include only major treatment related clinical signs, FOB findings, motor activity changes, body weight or brain weight changes or gross and histopathology or neuropathology, including onset and/or duration if any, or the following statement: There were no treatment related effects on mortality, clinical signs, body weight, brain weight or gross and histologic pathology or neuropathology. FOB and motor activity testing revealed no treatment-related effects. Note if there was a NOAEL for acute neurotoxicity (for acute reference dose consideration during subsequent risk assessment.)

Based on the effects seen in this study, the LOAEL was xxx mg/kg bw/day (based on xxx), with a NOAEL of xxx mg/kg bw/day.

[If applicable]

The LOAEL for plasma cholinesterase inhibition was xxx mg/kg bw/day, with a NOAEL of xxx mg/kg bw/day.

The LOAEL for erythrocyte cholinesterase inhibition was xxx mg/kg bw/day, with a NOAEL of xxx mg/kg bw/day.

The LOAEL for brain cholinesterase inhibition was xxx mg/kg, bw/day with a NOAEL of xxx mg/kg bw/day.

B. STUDY DESIGN:

1. Animal assignment and treatment: Animals were assigned to the test groups noted in Table 1 *[e.g., by a computerized random sort program to the test groups so that body weight means for each group were comparable. Following an overnight fast]*, rats were given a single dose *[how, in what vehicle/volume]* then observed *[frequency]* and weighed *[frequency]* for 14 days. Dose levels were chosen based on *[what]*. *[Dose selection rationale should be discussed; rationale for selection of time of peak effect should also be discussed. Use data from range-finding study if available.]* Survivors were sacrificed and a necropsy *[was/was not]* performed.

[Include additional description of study design, e.g. use of replicates, as needed, to supplement the information in the table.]

Table 1. Study Design *[change headings and units as appropriate, add or delete rows as needed]*

	Dose Group (mg/kg bw)			
Experimental Parameter	**Control**	**Low Dose**	**Mid Dose**	**High Dose**

Total number of Animals/sex/group				
Behavioral Testing (FOB, Motor Activity)				
Neuropathology				
Blood cholinesterase determination				
Brain cholinesterase determination				

2. Test Substance Preparation and Analysis: *[Indicate how test substance was prepared for administration, how it was stored, and how stability, concentration, and homogeneity were verified.]*

3. Statistics - *[list parameters that were analyzed and the statistical methods used]*

RESULTS & DISCUSSION (Observations):

Mortality and Clinical Observations:

Table 2. Clinical observations

Parameters	**Dose Level (mg/kg bw/day)**			
Observation	**Control**	**Low Dose**	**Mid Dose**	**High Dose**
Males				
[observation type]				
Females				
[observation type]				

Data were extracted from *[cite report page nos.]*

Numbers represent the total number of observations/number of animals with at least one instance of the observation

n=*[give number of animals in each group]*

2. Body weight:

3. Food consumption:

	Dose Level (Mg/kg Bw)			
Brain Region	**Control**	**Low Dose**	**Mid Dose**	**High Dose**
Tissue 1				
Male				
Day 0				
Day 7				
Day 14				
Female				
Day 0				
Day 7				
Day 14				
Tissue 2				
Male				
Day 0				
Day 7				
Day 14				
Female				
Day 0				
Day 7				
Day 14				

4. Cholinesterase Determination:

Table 2. Blood cholinesterase activity

Data were extracted from *[cite study report page nos.]*

Values represent mean ± s.d. *[% difference from control mean]*

**=p<.01, *=p<.05, when compared to control mean.

n=*[give number of animals in each group]*

[Include all data for whole brain (if brain regions were evaluated, also include all data from cortex and hippocampus; for other regions include data from all time points if statistically significant changes were found for a particular region or if changes from baseline of 20% or greater were seen) - add extra lines to table as needed].

Table 3. Brain cholinesterase activity (U/g)

Data were extracted from *[cite study report page nos.]*

Values represent mean ± s.d. *[% difference from control mean]*

**=p<.01, *=p<.05, when compared to control mean, n=*[give number of animals in each group]*

5. Neurobehavioral Assessment:

a. Functional Observational Battery (FOB): *[*The CHECKED (X) parameters were examined.

[Add and delete parameters from the following table, as needed.]

HOME CAGE OBSERVATIONS	HANDLING OBSERVATIONS	OPEN FIELD OBSERVATIONS
Posture*	Reactivity*	Mobility
Biting	Lacrimation* / chromodacryorrhea	Rearing+
Convulsions*	Salivation*	Arousal/ gereral activity level*
Tremors and twitches*	Piloerection*	Convulsions*
Abnormal Movements*	Fur appearance	Tremors*
Palpebral closure*	Palpebral closure*	Abnormal movements*
Faeces consistency	Respiratory rate+	Urination/ defecation/ Urinary staining*
	Red/crusty deposits*	Grooming
SENSORY OBSERVATIONS	Mucous membranes /eye /skin colour	Gait abnormalities/ posture*
Approach response+	Eye prominence*	Gait score*
Touch response+	Muscle tone*	Bizarre/ stereotypic behaviour*
Startle response*		Backing
Pain response*		Time to first step
Pupil response*		
Eyeblink response	**PHYSIOLOGICAL OBSERVATIONS**	**NEUROMUSCULAR OBSERVATIONS**
Forelimb extension	Body weight*	Hindlimb extensor strength
Hindlimb extension	Body temperature+	Forelimb grip strength*
Air righting reflex+		Hindlimb grip strength*
Olfactory orientation		Landing foot splay*
Reflexes (Sensory and motor)	**OTHER OBSERVATIONS**	Rotarod performance

	Dose Level (mg/kg bw)			
Observation	**Control**	**Low dose**	**Mid dose**	**High dose**
Males				
Type of Observation -1 -Pretest -Day 0 -Day 7 -Day 14				
Type of Observation -2 -Pretest -Day 0 -Day 7 -Day 14				
Females				
Type of Observation -1 -Pretest -Day 0 -Day 7 -Day 14				
Type of Observation -2 -Pretest -Day 0 -Day 7 -Day 14				

*Required parameters; +Recommended parameters

a. FOB Findings:

Table 4. Functional observation battery results

Data were extracted from *[cite study report page nos.] [include units for measurements, as needed]*

Values represent incidence (or other appropriate measure)

n=*[include number of animals for all groups]*

*=p<.05,** p<.01 compared with controls

b. Locomotors Activity:

Table 5. Motor activity (total activity counts for session)

	Dose Level (mg/kg bw)			
Test Day	**Control**	**Low Dose**	**Mid Dose**	**High Dose**
Males				
Pre-test				
Day 0				
Day 7				
Day 14				
Females				
Pre-test				
Day 0				
Day 7				
Day 14				

Data were extracted from *[cite study report page nos.] [Include units for measurements, as needed]*

Values represent mean ±s.d.

n=*[give number of animals for all groups]*

*=p<.05,** p<.01 compared with controls

6. Sacrifice and Pathology:

The CHECKED (X) tissues were evaluated. *[add or delete tissues as needed]*.

CENTRAL NERVOUS SYSTEM	**PERIPHERAL NERVOUS SYSTEM**
BRAIN	**SCIATIC NERVE**
Forebrain	Mid-thigh
Center of cerebrum	Sciatic Notch
Midbrain	
Cerebellum	**OTHER**
Pons	Sural Nerve
Medulla oblongata	Tibial Nerve
SPINAL CORD	Peroneal Nerve
Cervical swelling	Lumbar dorsal root ganglion
Lumbar swelling	Lumbar dorsal root fibers
Thoracic swelling	Lumbar ventral root fibers
OTHER	Cervical dorsal root ganglion
Gasserian Ganglion	Cervical dorsal root fibers
Trigeminal nerves	Cervical ventral root fibers
Optic nerve	
Eyes	
Gastrocnemius muscle	

a. Gross pathology: *[describe results, including whether there were any changes in brain weights (if measured - provide table)]*

b. Brain weight - *[absolute and relative as appropriate, relate to any histological changes]*

Table 6: Absolute and relative brain weights

Weights (mg)	Dose Level (mg/kg bw)			
	Control	Low Dose	Mid Dose	High Dose
Males				
Bodywt				
Brain wt				
Brain/body wt				
Female				
Body wt				
Brain wt				
Brain/body wt				

Data were extracted from *[cite study report page nos.]*

* Statistically different ($p < 0.05$) from the control

c. Neuropathology:

Include information as to what types of lesions were found. If neuropathological alterations were observed in the high dose group, were lower dose groups sequentially examined? If evidence of neuropathological alterations was seen, was a subjective diagnosis (dose-blind coded re-reading) conducted? If treatment-related lesions were found, include information in a table, including information regarding lesion severity; if no treatment-related lesions were found, include some information in text regarding reported incidence of lesions unrelated to treatment and in control groups. A sample table (with sample data) is included below.

Table 7. Incidence of neuropathological findings *[Tissues listed are examples, change as needed.]*

Parameters	Treatment Group			
	Male		Female	
Lesion	**Control**	**High Dose**	**Control**	**High Dose**
Sciatic Nerve -mid-thigh -notch (mid-thigh or notch)				
Sural Nerve				
Tibial Nerve				
Lumbar Roots -dorsal -ventral -(dorsal or ventral)				
Axonal degeneration -some peripheral nerve				

All lesions were graded minimal except for sciatic nerve degeneration in one control female (graded mild) MF=multifocal; all other lesions were focal.
Numbers in parentheses represent combined incidence.
Data were extracted from individual animal pathology data tables, *[cite study report page nos.]*

D. CONCLUSIONS:
Based on the effects seen in this study, the LOAEL was *xxx mg/kg bw/day (based on xxx)*, with a NOAEL *of xxx mg/kg bw/day. [If applicable]*
The LOAEL for plasma cholinesterase inhibition was *xxx mg/kg bw/day*, with a NOAEL of *xxx mg/kg bw/day*.
The LOAEL for erythrocyte cholinesterase inhibition was *xxx mg/kg bw/day*, with a NOAEL of *xxx mg/kg bw/day*.
The LOAEL for brain cholinesterase inhibition was *xxx mg/kg, bw/day* with a NOAEL of *xxx mg/kg bw/day*.

REPEATED DOSE NEUROTOXICITY

A. Executive Summary:

In a subchronic neurotoxicity study (MRID *[number])* *[Chemical name (% a.i., batch/lot #)]* was administered to *[xx strain/species /sex/group]* at dose levels of 0, x, x, or x ppm (equivalent to 0, x, x, x mg/kg bw/day) for *(duration)*. Neurobehavioral assessment (functional observational battery and motor activity testing) was performed in *[number]* animals/sex/group *[at what time points]*. *[If applicable]*. Cholinesterase activity was determined by the *[?]* method in *X* rats/sex/dose, in plasma and erythrocytes *[at what time points]*, and in *[# of regions or whole]* brain *[at what time points]*. At study termination, *[how many?]* animals/sex/group were euthanized and perfused [*in situ*] for neuropathological examination. Of the perfused animals, *[how many from which groups?]* were subjected to histopathological evaluation of brain and peripheral nervous system tissues.

[any additional measures should be included in procedures section above]

Discuss findings at low, mid- and high doses. Include only major treatment related clinical signs, FOB findings, motor activity changes, body weight or brain weight changes or gross and histopathology or neuropathology, including onset and/or duration if any, or the following statement: There were no treatment related effects on mortality, clinical signs, body weight, brain weight or gross and histologic pathology or neuropathology. FOB and motor activity testing revealed no treatment-related effects. Note if there was a NOAEL for acute neurotoxicity (for Acute reference dose consideration during subsequent risk assessment.)

Based on the effects seen in this study, the LOAEL was *xxx mg/kg (based on xxx)*, with a NOAEL *of xxx mg/kg*.

[If applicable]

The LOAEL for plasma cholinesterase inhibition was *xxx mg/kg*, with a NOAEL of *xxx mg/kg*.

The LOAEL for erythrocyte cholinesterase inhibition was *xxx mg/kg*, with a NOAEL of *xxx mg/kg*.

The LOAEL for brain cholinesterase inhibition was *xxx mg/kg*, with a NOAEL of *xxx mg/kg*.

B. STUDY DESIGN:

1. Animal assignment and treatment: Animals were randomly assigned to the test groups noted in Table 1 *[stratified by body weight]*. Test substance was administered *[how, for how long?]*. Dose levels were chosen based on *[what]*. *[Dose selection rationale should be discussed]*

[Include additional description of study design, e.g. use of replicates, as needed, to supplement the information in the table.]

Table 1. Study Design *[change headings and units as appropriate, add or delete rows as needed]*

	Dose Group (mg/kg bw)			
Experimental Parameter	**Control**	**Low Dose**	**Mid Dose**	**High Dose**
Total number of Animals/sex/group				
Behavioral Testing (FOB, Motor Activity)				
Neuropathology				
Blood cholinesterase determination				
Brain cholinesterase determination				

2. Test Substance Preparation and Analysis: *[Indicate how test substance was prepared for administration, how it was stored, and how stability, concentration, and homogeneity were verified.]*

3. Statistics - *[list parameters that were analyzed and the statistical methods used]*

C. RESULTS & DISCUSSION (Observations):

1. Mortality and Clinical Observations:

Table 2. Clinical observations

	Dose Level (mg/kg bw/day)			
Observation	**Control**	**Low Dose**	**Mid Dose**	**High Dose**
Males				
[observation type]				
Females				
[observation type]				

Data were extracted from *[cite report page nos.]*

Numbers represent the total number of observations/number of animals with at least one instance of the observation

n=*[give number of animals in each group]*

2. Body weight:

3. Food consumption:

4. Cholinesterase Determination:

Table 2. Blood cholinesterase activity

Data were extracted from *[cite study report page nos.]*

Values represent mean ± s.d. *[% difference from control mean]*

	Dose Level (Mg/kg Bw)			
Brain Region	**Control**	**Low Dose**	**Mid Dose**	**High Dose**
Tissue 1				
Male				
Week 3				
Week 7				
Week 13				
Female				
Week 3				
Week 7				
Week 13				
Tissue 2				
Male				
Week 3				
Week 7				
Week 13				
Female				
Week 3				
Week 7				
Week 13				

**=p<.01, *=p<.05, when compared to control mean.
n=*[*give *number of animals in each group]*

[Include all data for whole brain (if brain regions were evaluated, also include all data from cortex and hippocampus; for other regions include data from all time points if statistically significant changes were found for a particular region or if changes from baseline of 20% or greater were seen) - add extra lines to table as needed].

Table 3. Brain cholinesterase activity (U/g)
Data were extracted from *[cite study report page nos.]*
Values represent mean ± s.d. *[% difference from control mean]*
**=p<.01, *=p<.05, when compared to control mean.
n=*[*give *number of animals in each group]*

5. Neurobehavioral Assessment:
a. Functional Observational Battery (FOB): *[*The CHECKED (X) parameters were examined.
[Add and delete parameters from the following table, as needed.]

HOME CAGE OBSERVATIONS	HANDLING OBSERVATIONS	OPEN FIELD OBSERVATIONS
Posture*	Reactivity*	Mobility
Biting	Lacrimation* / chromodacryorrhea	Rearing+
Convulsions*	Salivation*	Arousal/ gereral activity level*
Tremors and twitches*	Piloerection*	Convulsions*
Abnormal Movements*	Fur appearance	Tremors*
Palpebral closure*	Palpebral closure*	Abnormal movements*
Faeces consistency	Respiratory rate+	Urination/ defecation/ Urinary staining*
	Red/crusty deposits*	Grooming
SENSORY OBSERVATIONS	Mucous membranes /eye /skin colour	Gait abnormalities/ posture*
Approach response+	Eye prominence*	Gait score*
Touch response+	Muscle tone*	Bizarre/ stereotypic behaviour*
Startle response*		Backing
Pain response*		Time to first step
Pupil response*		
Eyeblink response	**PHYSIOLOGICAL OBSERVATIONS**	**NEUROMUSCULAR OBSERVATIONS**
Forelimb extension	Body weight*	Hindlimb extensor strength
Hindlimb extension	Body temperature+	Forelimb grip strength*
Air righting reflex+		Hindlimb grip strength*
Olfactory orientation		Landing foot splay*
Reflexes (Sensory and motor)	**OTHER OBSERVATIONS**	Rotarod performance

Table 4. Functional observation battery results

Data were extracted from *[cite study report page nos.] [include units for measurements, as needed]*

Values represent incidence (or other appropriate measure)
n=*[include number of animals for all groups]*

	Dose Level (mg/kg bw)			
Observation	**Control**	**Low dose**	**Mid dose**	**High dose**
Males				
Observation -1 (state) Pretest Week 4 Week 8 Week 12				
Observation -2 (state) Pretest Week 4 Week 8 Week 12				
Females				
Observation -1 (state) Pretest Week 4 Week 8 Week 12				
Observation -2 (state) Pretest Week 4 Week 8 Week 12				

*=p<.05,** p<.01 compared with controls

b. Locomotors Activity:

Table 5. Motor activity (total activity counts for session)

	Dose Level (mg/kg bw)			
Test Day	**Control**	**Low Dose**	**Mid Dose**	**High Dose**
Males				
Pre-test				
Week 4				
Week 8				
Week 13				
Females				
Pre-test				
Week 4				
Week 8				
Week 13				

Data were extracted from *[cite study report page nos.] [Include units for measurements, as needed]*

Values represent mean ±s.d.

n=*[give number of animals for all groups]*

*=p<.05,** p<.01 compared with controls

6. Sacrifice and Pathology:

The CHECKED (X) tissues were evaluated. *[add or delete tissues as needed].*

CENTRAL NERVOUS SYSTEM	PERIPHERAL NERVOUS SYSTEM
BRAIN	**SCIATIC NERVE**
Forebrain	Mid-thigh
Center of cerebrum	Sciatic Notch
Midbrain	
Cerebellum	**OTHER**
Pons	Sural Nerve
Medulla oblongata	Tibial Nerve
SPINAL CORD	Peroneal Nerve
Cervical swelling	Lumbar dorsal root ganglion
Lumbar swelling	Lumbar dorsal root fibers
Thoracic swelling	Lumbar ventral root fibers
OTHER	Cervical dorsal root ganglion
Gasserian Ganglion	Cervical dorsal root fibers
Trigeminal nerves	Cervical ventral root fibers
Optic nerve	
Eyes	
Gastrocnemius muscle	

a. Gross pathology: *[describe results, including whether there were any changes in brain weights (if measured - provide table)]*

b. Brain weight - *[absolute and relative as appropriate, relate to any histological changes]*

Table 6: Absolute and relative brain weights

Weights (mg)	Dose Level (mg/kg bw)			
	Control	Low Dose	Mid Dose	High Dose
Males				
Body wt				
Brain wt				
Brain/body wt				
Female				
Body wt				
Brain wt				
Brain/body wt				

Data were extracted from *[cite study report page nos.]*

* Statistically different ($p < 0.05$) from the control

c. Neuropathology:

Include information as to what types of lesions were found. If neuropathological alterations were observed in the high dose group, were lower dose groups sequentially examined? If evidence of neuropathological alterations was seen, was a subjective diagnosis (dose-blind coded re-reading) conducted? If treatment-related lesions were found, include information in a table, including information regarding lesion severity; if no treatment-related lesions were found, include some information in text regarding reported incidence of lesions unrelated to treatment and in control groups. A sample table (with sample data) is included below.

Table 7. Incidence of neuropathological findings *[Tissues listed are examples, change as needed.]*

	Treatment Group			
	Male		Female	
Lesion	**Control**	**High Dose**	**Control**	**High Dose**
Sciatic Nerve -mid-thigh -notch (mid-thigh or notch)				
Sural Nerve				

Tibial Nerve				
Lumbar Roots -dorsal -ventral -(dorsal or ventral)				
Axonal degeneration -some peripheral nerve				

All lesions were graded minimal except for sciatic nerve degeneration in one control female (graded mild) MF=multifocal; all other lesions were focal.

Numbers in parentheses represent combined incidence.

Data were extracted from individual animal pathology data tables, *[cite study report page nos.]*

D. CONCLUSIONS:

Based on the effects seen in this study, the LOAEL was *xxx mg/kg bw/day (based on xxx)*, with a NOAEL *of xxx mg/kg bw/day.*

[If applicable]

The LOAEL for plasma cholinesterase inhibition was *xxx mg/kg bw/day*, with a NOAEL of *xxx mg/kg bw/day*.

The LOAEL for erythrocyte cholinesterase inhibition was *xxx mg/kg bw/day*, with a NOAEL of *xxx mg/kg bw/day*.

The LOAEL for brain cholinesterase inhibition was *xxx mg/kg, bw/day* with a NOAEL of *xxx mg/kg bw/day*.

DEVELOPMENTAL NEUROTOXICITY

A. Executive Summary:

In a developmental neurotoxicity study test substance was administered to *[# of animals]* female *[strain]* rats per dose in *[by gavage, diet, water, inhalation]* at dose levels of 0, x, x, or x mg/kg bw/day from gestation day *[#]* through postnatal day *[#]*. *(Briefly describe study procedures. Mention all critical and/or unusual procedures, e.g., direct treatment of offspring, neurobehavioral and neuropathology assessments, biochemical measures, etc.)*

[Concisely describe treatment-related toxicity, at the LOAEL and at doses greater than the LOAEL, for dams. Do not attempt to separate systemic-neurotoxicity; it is not possible to make this type of distinction based on the data available in these studies. If no toxicity was observed, state that there were no treatment-related effects, for maternal animals.]

The maternal LOAEL is *[dose]* mg/kg/day, based on *[endpoint]*. The maternal NOAEL is *[dose]* mg/kg/day.

[Concisely describe treatment-related toxicity, at the LOAEL and at doses greater than the LOAEL, for the offspring. Do not attempt to separate systemic- and developmental-neurotoxicity; it is not possible to make this type of distinction based on the data available in these studies. If no toxicity was observed, state that there were no treatment-related effects, offspring.]

The offspring LOAEL is *[dose]* mg/kg/day, based on *[endpoint]*. The offspring NOAEL is *[dose]* mg/kg/day.

The LOAEL for plasma cholinesterase inhibition is *[dose]* mg/kg/day, with a NOAEL of *[dose]* mg/kg/day. *[If applicable; list separately for maternal and offspring endpoints when available:]*

The LOAEL for erythrocyte cholinesterase inhibition is *[dose]* mg/kg/day, with a NOAEL of *[dose]* mg/kg/day.

	Dose (mg/kg/day)			
Experimental Parameter	**0**	**LDT**	**MDT**	**HDT**
Maternal Animals				
No. of maternal animals assigned				
FOB (GD #, #; LD #, #)				
Offspring				
Detailed clinical/FOB (PND -,-,-,-,-,)				

Motor activity (PND -,-,-,-)				
Auditory startle habituation (PND -, -)				
Learning and memory (PND -, -)				
Brain weight *[revise numbers if necessary]* PND 11 PND 60				
Neuropathology *[revise numbers if necessary]* PND 11 PND 60				
Blood cholinesterase determination *[if applicable]*				
Brain cholinesterase determination *[if applicable]*				

The LOAEL for brain cholinesterase inhibition is *[dose]* mg/kg/day, with a NOAEL of *[dose]* mg/kg/day.

B. STUDY DESIGN

1. Study schedule & procedure:

2. Animal Assignment: Mated females were assigned *[randomly? based upon body weight criteria?]* to dose groups as indicated in Table 1. Dams were assigned to functional observation testing as shown.

Offspring were assigned to testing subgroups at the time of litter standardization on postnatal day (PND) 4 (Table 1). *[Offspring assignment to testing must be described in detail, whether in text or in a table as illustrated. If pups were assigned to testing subsets, a column could be added to Table 1 to indicate which subset designation applies to each test.]*

Table 1. Study Design *[Add satellite groups if necessary]*

Note: The method of animal assignment should have minimized potential problems related to litter effects, i.e., by using one pup/sex/litter (or one measure/litter, e.g., mean body weight for each litter).

When allocating animals to FOB and motor activity testing, the same individual animals should have been evaluated at all scheduled time points. For the selection of animals and testing paradigms for cognitive (learning and memory) assessment, it is important to ensure that tasks

were selected and/or animals allocated so that comparable assessments of learning were made at both times, i.e., shortly after PND 21 and around PND 60. Indicate whether the same or different animals were used for assessments at the weanling and adult ages. In general, the use of separate animals at the two time points is preferred, because for many tasks, initial learning (PND 21) may confound later (PND 60) assessment of learning. If the same animals were used at both times, different tasks would likely have been necessary. The selection of the test for assessing learning should have been adequately justified regardless of whether the same or a different task was used.]

++++++

C. RESULT AND DISCUSSION (OBSERVATIONS):

	CENTRAL NERVOUS SYSTEM	X	**PERIPHERAL NERVOUS SYSTEM**
	BRAIN Forebrain Center of cerebrum Midbrain Cerebellum Pons Medulla oblongata		**SCIATIC NERVE** Mid-thigh Sciatic Notch
	SPINAL CORD Cervical swelling Lumbar swelling		**OTHER** Sural Nerve Tibial Nerve Peroneal Nerve Lumbar dorsal root ganglion Lumbar dorsal root fibers Lumbar ventral root fibers Cervical dorsal root ganglion Cervical dorsal root fibers Cervical ventral root fibers
	OTHER Gasserian Ganglion Trigeminal nerves Optic nerve Eyes		

1. Parental animals:

a. Mortality and clinical and functional observations:

Individual maternal body weight data were recorded weekly throughout gestation *[specify days]*, on the day of delivery, and on lactation days 11 and 21.

[Add descriptions of any other data reported, e.g., food consumption, reproduction data, pharmacokinetic data (e.g., levels of test substance and/or metabolite in milk), and/or cholinesterase activity, which were collected from maternal animals during the course of the DNT study (rather than from a pilot study).]

The CHECKED (X) tissues were evaluated for adult offspring. *[add or delete tissues as needed]*

b.) **Body weight and food consumption:**

Selected group mean body weights and food consumption values for pregnant or nursing dams were summarized in the following table. *[The data contained in this table are **MANDATORY**;*

FUNCTIONAL OBSERVATIONS	
X	Signs of autonomic function, including: 1) Ranking of degree of lacrimation and salivation, with range of severity scores from none to severe 2) Presence of absence of piloerection and exophthalamus, 3) Ranking or count of urination and defecation, including polyuria and diarrhea 4) Pupillary function such as constriction of the pupil in response to light, or a measure of pupil size 5) Degree of palpebral closure, e.g., ptosis.
X	Description, incidence, and severity of any convulsions, tremors, or abnormal movements.
X	Description and incidence of posture and gait abnormalities.
X	Description and incidence of any unusual or abnormal behaviors, excessive or repetitive actions (stereotypies), emaciation, dehydration, hypotonia or hypertonia, altered fur appearance, red or crusty deposits around the eyes, nose, or mouth, and any other observations that may facilitate interpretation of the data.

findings should be presented for gestation and lactation periods; data can be split into more than one table.]

Body weight was *[Describe findings]*.

Food consumption was *[Describe findings]*.

TABLE 3. Mean) Maternal Body Weight and Food Consumption [a]

Observations/study week	Dose (mg/kg/day)			
	Control	LDT	MDT	HDT
Gestation				
Mean body weight (g) Gestation day *[#]*				
Mean weight gain (g) Gestation days *[# - #]*				
Mean food consumption (g/animal/day) Gestation days *[# - #]*				
Lactation				
Mean body weight (g)				

Observations/study week	Dose (mg/kg/day)			
	Control	LDT	MDT	HDT
Lactation day *[#]*				
Mean weight gain (g) Lactation days *[# - #]*				
Mean food consumption (g/animal/day) Lactation days *[# - #]*				

a Data obtained from pages *(insert page #s)* in the study report.

N = *[include number of animals for all groups]*

* Statistically different from control, $p<0.05$.

** Statistically different from control, $p<0.01$.

c. Test Substance Intake: ***[MANDATORY** only for dietary studies:]* Based on maternal food consumption and body weight *[and dietary analyses results if available]*, the doses expressed as mean daily mg test substance/kg body weight during the gestation and lactation periods are presented in the following table.

TABLE 4. Mean Maternal Test Substance Intake (mg/kg body weight/day) [a]

Period	Dose (mg/kg/day)		
	LDT	MDT	HDT
Gestation			
Gestation days *[# - #]*			
Gestation days *[# - #]*			
Gestation days *[# - #]*			
Lactation			
Lactation days *[# - #]*			
Lactation days *[# - #]*			
Lactation days *[# - #]*			

a Data obtained from pages *(insert page #s)* in the study report.

d. Reproductive performance: *[Summarize any biologically relevant effects on reproductive performance]* Results for the maternal animals are summarized from the report in the following table. ***[MANDATORY**; the table should be based on report content.and include any calculated reproductive indices.]*

TABLE 5. Reproductive Performance [a]

Observation	Dose (mg/kg/day)			
	Control	LDT	MDT	HDT
Number mated				
Number of litters				
Intercurrent deaths				
Mean (±SD) gestation duration (days)				
Incidence of dystocia				

a Data obtained from pages *(insert page #s)* in the study report.

* Statistically different from control, $p<0.05$.

** Statistically different from control, $p<0.01$.

e. Maternal postmortem results:

2. Offspring:

a. Viability and clinical signs: Litter size and viability (survival) results from pups during lactation are summarized from the report in the following table. *[Some form of this table is **MANDATORY**.] [Additionally, describe any post-weaning survival problems.*

TABLE 6. Litter size and viability [a]

Observation	Dose (mg/kg/day)			
	Control	LDT	MDT	HDT
Total number born				
Number born live				
Number born dead				
Sex Ratio Day 0 (% ♀)				
# Deaths Days 0-4 (%)				
# Deaths Days 4-21 (%)				
Mean litter size:				
Day 0				
Day 4 [b]				
Day 4 [c]				
Day 11				
Day 17				
Day 21				
Live birth index				
Viability index				
Lactation index				

a Data obtained from pages *(insert page #s)* in the study report.

b Before standardization (culling).

c After standardization (culling).
* Statistically different from control, p<0.05
** Statistically different from control, p<0.01
Clinical observations on offspring included *[describe findings for pups during lactation and post-weaning]*.

b. Body weight: Offspring body weights during lactation were *[Describe findings]*. Selected mean preweaning pup body weight data are presented in the following table. *[Some form of this table is **MANDATORY**.]*

TABLE 7. Mean Pre-weaning Pup Body Weights (g) [a]

Postnatal Day	Dose (mg/kg/day)							
	Control	LDT	MDT	HDT	Control	LDT	MDT	HDT
	Males				Females			
1								
4 b								
4 c								
11								
17								
21								

a Data obtained from pages *(insert page #s)* in the study report.
b Before standardization (culling).
c After standardization (culling).
* Statistically different from control, p<0.05
** Statistically different from control, p<0.01

Offspring postweaning body weights were *[Describe findings]*. Selected mean Postweaning offspring body weight data are presented in the following table. *[Some form of this table is **MANDATORY**]*.

TABLE 8. Mean (±SD) Post-weaning Pup Body Weights (g) [a]

Postnatal Day	Dose (mg/kg/day)							
	Control	LDT	MDT	HDT	Control	LDT	MDT	HDT
	Males				Females			
35								
49								
[#]								

[#]								

a Data obtained from pages *(insert page #s)* in the study report.

* Statistically different from control, $p<0.05$

** Statistically different from control, $p<0.01$

c) Developmental landmarks:

i) Sexual maturation: *[Summarize any biologically relevant effects on vaginal opening and balanopreputial separation.]* Sexual maturation was *[Describe findings]*. The data are presented in the following table. *[Some form of this table is **MANDATORY**]*.

TABLE 9. Mean (±SD) Age of Sexual Maturation (days) [a]

Parameter	Dose (mg/kg/day)			
	Control	**LDT**	**MDT**	**HDT**
N (M/F)				
Preputial separation (males)				
Vaginal opening (females)				

a Data obtained from pages *(insert page #s)* in the study report.

* Statistically different from control, $p<0.05$

** Statistically different from control, $p<0.01$

ii.) Physical landmarks: *[Summarize findings]* the data are presented in the following table.

TABLE 10. Mean Age of Landmark (day) [a]

Parameter	Dose (mg/kg/day)			
	Control	**LDT**	**MDT**	**HDT**
Males				
N				
Eye opening				
Incisor eruption				
Females				
N				
Eye opening				
Incisor eruption				

a Data obtained from pages *(insert page #s)* in the study report.

* Statistically different from control, $p<0.05$

** Statistically different from control, $p<0.01$

d) Neurobehavioral evaluations: Observations and the schedule for those observations are summarized as follows from the report. *[Detailed description of endpoints is **MANDATORY**.]*

i) Functional observational battery

Table 11. Functional Observational Battery Results (incidence) [a]

Observation	Dose (mg/kg/day)			
	Control	**LDT**	**MDT**	**HDT**
Males				
Type of Observation -1 -PND # -PND # -PND # -PND #				
Type of Observation -2 -PND # -PND # -PND # -PND #				
Females				
Type of Observation -1 -PND # -PND # -PND # -PND #				
Type of Observation -2 -PND # -PND # -PND # -PND #				

a Data obtained from pages *(insert page #s)* in the study report.

N = 10/sex/dose

* Statistically different from control, $p<0.05$

** Statistically different from control, $p<0.01$

ii) Motor activity testing:

TABLE 11. Mean Motor Activity Data (total activity counts for session) [a]

Test Day	Dose (mg/kg/day)			
	Control	LDT	MDT	HDT
Males				
PND 13				
PND 17				
PND 21				
PND *[60]*				
Females				
PND 13				
PND 17				
PND 21				
PND *[60]*				

a Data obtained from pages *(insert page #s)* in the study report.
N = *[include number of animals for all groups]*
[Include units for measurements, as needed.]
* Statistically different from control, $p<0.05$
** Statistically different from control, $p<0.01$
[Create separate tables for males and females.]

TABLE 12a. Motor Activity Sub-sessions - *[sex]* (mean ±S.D. activity counts) [a]

Sub-session		Dose (mg/kg/day)			
		Control	LDT	MDT	HDT
PND 13	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
PND 17	1				
	2				
	3				

Sub-session		Dose (mg/kg/day)			
		Control	LDT	MDT	HDT
	4				
	5				
	6				
	7				
	8				
	9				
	10				
PND 21	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
PND *[60]*	1				
	2				
	3				
	4				
	5				
	6				

Sub-session		Dose (mg/kg/day)			
		Control	LDT	MDT	HDT
	7				
	8				
	9				
	10				

a Data obtained from pages *(insert page #s)* in the study report.
N = *[include number of animals for all groups]*
* Statistically different from control, $p<0.05$
** Statistically different from control, $p<0.01$

iii) Auditory startle reflex habituation:

TABLE 13. Auditory Startle Reflex Peak Amplitude Data (mean ±S.D.) [a]

Block		Dose (mg/kg/day)			
		Control	LDT	MDT	HDT
Males					
PND 23	1				
	2				
	3				
	4				
	5				
	Total				
PND *[60]*	1				
	2				
	3				
	4				
	5				

Block		Dose (mg/kg/day)			
		Control	**LDT**	**MDT**	**HDT**
	Total				
Females					
PND 23	1				
	2				
	3				
	4				
	5				
	Total				
PND *[60]*	1				
	2				
	3				
	4				
	5				
	Total				

a Data obtained from pages *(insert page #s)* in the study report.
N = *[include number of animals for all groups]*
[Include units for measurements, as needed.]
* Statistically different from control, $p<0.05$
** Statistically different from control, $p<0.01$

TABLE 13b. Auditory Startle Reflex Latency Data (mean ±S.D. seconds) [a]

Block		Dose (mg/kg/day)			
		Control	LDT	MDT	HDT
Males					
PND 23	1				
	2				
	3				
	4				
	5				
	Total				
PND *[60]*	1				
	2				
	3				
	4				
	5				
	Total				
Females					
PND 23	1				
	2				
	3				
	4				
	5				
	Total				
PND *[60]*	1				
	2				
	3				

Block		Dose (mg/kg/day)			
		Control	**LDT**	**MDT**	**HDT**
	4				
	5				
	Total				

a Data obtained from pages *(insert page #s)* in the study report.
N = *[include number of animals for all groups]*
[Include units for measurements, as needed.]s
* Statistically different from control, $p<0.05$
** Statistically different from control, $p<0.01$

iv) Learning and memory testing:

TABLE 14. Passive Avoidance Performance at PND /#/ Offspring (mean ± S.D.) [a]

Session/Parameter		Dose (mg/kg/day)			
		Control	LDT	MDT	HDT
Males					
Session 1	Trials to criterion				
	Latency trial 1 (sec)				
	Latency trial 2 (sec)				
	Failed to learn				
Session 2	Trials to criterion				
	Latency trial 1 (sec)				
	Failed to learn				
Females					
Session 1	Trials to criterion				
	Latency trial 1 (sec)				
	Latency trial 2 (sec)				
	Failed to learn				
Session 2	Trials to criterion				
	Latency trial 1 (sec)				
	Failed to learn				

a Data extracted from pages ( ) of the study report.
N = *[include number of animals for all groups]*
[Include units for measurements, as needed.]
* Statistically different from control, $p<0.05$
** Statistically different from control, $p<0.01$

[Option 2: use for water M-mazes, E-mazes, or Y-mazes]

TABLE 14. Water Maze Performance in PND /#/ Offspring (mean ± S.D.) [a]

Session/Parameter		Dose (mg/kg/day)			
		Control	LDT	MDT	HDT
Males					
Session 1	Latency trial 1 (sec)				
	Latency trial 2 (sec)				
	Trials to criterion				
	Errors per trial				
	Failed to learn				
Session 2	Latency trial 1 (sec)				
	Trials to criterion				
	Failed to learn				
Females					
Session 1	Latency trial 1 (sec)				
	Latency trial 2 (sec)				
	Trials to criterion				
	Errors per trial				
	Failed to learn				
Session 2	Latency trial 1 (sec)				
	Trials to criterion				
	Failed to learn				

a Data obtained from pages *(insert page #s)* in the study report.
N = *[include number of animals for all groups]*; values for rats who failed to learn during session 1 were not included in means for session 2.

[Include units for measurements, as needed.]

* Statistically different from control, $p<0.05$

** Statistically different from control, $p<0.01$

[Option 3: use for Morris water maze; create separate tables for males and females]

TABLE 14. Morris Water Maze Performance - *[Sex]* (mean ± S.D.) [a]

Test Day/Parameter		**Dose (mg/kg/day)**			
		Control	**LDT**	**MDT**	**HDT**
PND *[#]*					
Test day 1	Trial time (sec)				
	No. failed trials				
	No. sector entries				
Test day 2	Trial time (sec)				
	No. failed trials				
	No. sector entries				
Test day 3	Trial time (sec)				
	No. failed trials				
	No. sector entries				
Test day 4	Trial time (sec)				
	No. failed trials				
	No. sector entries				
PND *[#]*					
Test day 1	Trial time (sec)				
	No. failed trials				
	No. sector entries				
Test day 2	Trial time (sec)				

Test Day/Parameter		Dose (mg/kg/day)			
		Control	LDT	MDT	HDT
	No. failed trials				
	No. sector entries				
Test day 3	Trial time (sec)				
	No. failed trials				
	No. sector entries				
Test day 4	Trial time (sec)				
	No. failed trials				
	No. sector entries				

a Data obtained from pages *(insert page #s)* in the study report.
N = *[include number of animals for all groups]*
[Include units for measurements, as needed.]
* Statistically different from control, $p<0.05$
** Statistically different from control, $p<0.01$
[Option 4: use for Biel maze (also known as Cincinnati maze); if not performed as water maze, correct table accordingly; create separate tables for males and females]

TABLE 14. Biel Swimming Trials - *[Sex]* (mean ± S.D.) [a]

Test Day/Parameter		Dose (mg/kg/day)			
		Control	LDT	MDT	HDT
PND *[#]*					
Test day 1	Swimming ability (sec)				
Test day 2 Path A	Time (sec)				
	Errors				

Test Day/Parameter		Dose (mg/kg/day)			
		Control	LDT	MDT	HDT
Test day 3 Path A	Time (sec)				
	Errors				
Test day 4 Path B	Time (sec)				
	Errors				
Test day 5 Path B	Time (sec)				
	Errors				
Test day 6 Recall	Time (sec)				
	Errors				
PND *[#]*					
Test day 1	Swimming ability (sec)				
Test day 2 Path A	Time (sec)				
	Errors				
Test day 3 Path A	Time (sec)				
	Errors				
Test day 4 Path B	Time (sec)				
	Errors				
Test day 5 Path B	Time (sec)				
	Errors				
Test day 6 Recall	Time (sec)				
	Errors				

a Data obtained from pages *(insert page #s)* in the study report.

N = *[include number of animals for all groups]*

[Include units for measurements, as needed.]

Path A = forward through maze; Path B = reverse through maze; Time = mean time to escape; Error = all four feet into an incorrect channel.

* Statistically different from control, $p<0.05$

** Statistically different from control, $p<0.01$

e.) Postmortem results:

(i)Brain weights: Mean brain weight data are presented in the following table. The report noted *[Describe findings for both postnatal day 11 (or 22) and termination. Constant brain-to-body weight ratios should not be used to discount alterations in brain weight for pups of low body weight.] [Some form of this table is **MANDATORY**]*

TABLE 15. Mean Brain Weight Data [a]

Parameter	Dose (mg/kg/day)			
	Control	LDT	MDT	HDT
Males				
Day 11 (or 22)				
Terminal body weight (g)				
Brain weight (g)				
Brain-to-body weight ratio				
Termination				
Terminal body weight (g)				
Brain weight (g)				
Brain-to-body weight ratio				
Females				
Day 11 (or 22)				
Terminal body weight (g)				
Brain weight (g)				
Brain-to-body weight ratio				
Termination				
Terminal body weight (g)				
Brain weight (g)				
Brain-to-body weight ratio				

a Data obtained from pages *(insert page #s)* in the study report.

N = *[include number of animals for all groups]*

* Statistically different from control, $p<0.05$
** Statistically different from control, $p<0.01$

ii) Neuropathology

1) Macroscopic examination: The following findings were reported: *[Describe findings for both postnatal day 11 (or 22) and termination]*

2) Microscopic examination: The report noted the following: *[Describe qualitative findings for both postnatal day 11 (or 22) and termination. Include information as to what types of lesions were found. If neuropathological alterations were observed in the high dose group, were lower dose groups sequentially examined? If evidence of neuropathological alterations was seen, was a subjective diagnosis (dose-blind coded re-reading) conducted? If treatment-related lesions were found, include information in a table, including information regarding lesion severity; if no treatment-related lesions were found, include some information in text regarding reported incidence of lesions unrelated to treatment and in control groups.]* The qualitative histopathological findings are presented in the following table. *[Table is **MANDATORY** if there are any treatment-related findings]*

TABLE 16. Histopathology Findings

Parameter	**Dose (mg/kg/day)**			
	Control	**LDT**	**MDT**	**HDT**
Males				
Day 11 (or 22)				
[Observation]				
[Observation]				
Day Termination				
[Observation]				
[Observation]				
Females				
Day 11 (or 22)				

Parameter	Dose (mg/kg/day)			
	Control	LDT	MDT	HDT
[Observation]				
[Observation]				
Termination				
[Observation]				
[Observation]				

a Data obtained from pages *(insert page #s)* in the study report.
N = *[include number of animals for all groups]*
* Statistically different from control, $p<0.05$
** Statistically different from control, $p<0.01$
Morphometric evaluation, presented in the following table, revealed the following: *[Describe quantitative findings for both postnatal day 11 (or 22) pups and adult offspring at termination.] [Some form of this table is **MANDATORY**].*

TABLE 17. Mean (±SD) Morphometric Data [a]

Parameter	Dose (mg/kg/day)			
	Control	LDT	MDT	HDT
Males				
Day 11 (or 22)				
Neocortex (µm)				
Hippocampus (µm)				
Cerebellum (µm)				
Termination				
Neocortex (µm)				
Hippocampus (µm)				

Parameter	Dose (mg/kg/day)			
	Control	LDT	MDT	HDT
Cerebellum (µm)				
Females				
Day 11 (or 22)				
Neocortex (µm)				
Hippocampus (µm)				
Cerebellum (µm)				
Termination				
Neocortex (µm)				
Hippocampus (µm)				
Cerebellum (µm)				

a Data obtained from pages *[insert page #s]* in the study report.
N = *[include number of animals for all groups]*
* Statistically different from control, $p<0.05$
** Statistically different from control, $p<0.01$

D. CONCLUSIONS:

[Note any deficiencies and how they impact on the study results and interpretation, if at all]
[State NOAELs for maternal and offspring toxicity and basis for setting LOAELs; do not attempt to separate systemic- and developmental-neurotoxicity - it is not possible to make this type of distinction based on the data available in these studies. If cholinesterase data were measured, determine separate NOAELs/LOAELs for each compartment (brain, plasma, and erythrocyte) for dams and offspring.]

CARCINOGENICITY

A. Executive Summary:

In a carcinogenicity study test substance was administered to *[(# of animals) species, strain]*/sex/dose in *[dietary, gavage, drinking water, dermal or inhalation]* at dose levels of 0, x, x, or x ppm (equivalent to 0, x, x, x mg/kg bw/day) for *(duration)*.

[Describe toxicity briefly following instructions for exec summary paragraph 2. If there is no toxicity, state that there were no compound related effects on mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic (including tumors) pathology. Note if there was a NOAEL for clinical findings and when they occurred (for acute reference dose consideration during subsequent risk assessment.)].

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

At the doses tested, there was *(not)* a treatment related increase in tumor incidence *[specify tumor type]* when compared to controls. ***(Brief** description)*. Dosing was *(not)* considered adequate based on *(mention critical endpoint noted above)*.

B. STUDY DESIGN:

2. Animal Assignment/Dose Levels: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: STUDY DESIGN *[change heading and units as appropriate for method of administration]*

Test Group	Conc. in Diet *(units)*	Dose to animal *(units)*	Main Study # months		Interim Sac. # months	
			Male	Female	Male	Female
Control						
Low (LDT)						
Mid (MDT)						
High (HDT)						

3. Statistics- *[list parameters that were analyzed and the statistical methods used]*

C. RESULTS AND DISCUSSION (OBSERVATION):

1. Observations –

i. Clinical signs of toxicity - *[include cage side observations and clinical examinations; note when signs were first observed]*

ii. Mortality

2. Body weight -

Animals were weighed *[frequency]*.

Include a table of body weight gain, especially 0-3, 3-13,(0-13), 13-26, 26-52, 52-75, 75-104 weeks, rather than cumulative weight gain alone, especially if there is a treatment related effect. Other time points should be included as appropriate to get the point across.]

TABLE 2: Mean body weights (BW) and body weight gains (BWG)[a] *[SAMPLE - some form of this table is required when there is a treatment-related effect]*

	0 (C)	LDT	MDT	HDT
MALES Initial BW				
Final BW				
BWG Wk 1 (% C)				
BWG Wk 1-13 (%C)				
BWG Wk 13-26 (% C)				
BWG Wk 26-52 (% C)				
BWG Wk 52-75 (% C)				
Overall BWG Wk -1-75				
FEMALES Initial BW				
Final BW				
BWG Wk 1 (% C)				
BWG Wk 1-13 (%C)				
BWG Wk 13-26 (% C)				
BWG Wk 26-52 (% C)				
WG Wk 52-75 (% C)				
Overall BWG Wk -1-75				

C= control

[a] Data obtained from pages *(insert page #s)* in the study report.

* Statistically different ($p < 0.05$) from the control.

** Statistically different ($p < 0.01$) from the control.

3. Food consumption and compound intake - *[if feeding study]*

i. Food consumption -

ii. Compound consumption (time-weighted average) *[include compound intake in table 1]* –

iii. Food efficiency *[if relevant, - relate to effects on body weight gain]*

4. Ophthalmoscopic examination - *[if done - not a guideline requirement]*

5. Blood analysis -

The CHECKED (X) parameters were examined.

a. Hematology

	Hematocrit (HCT)		Leukocyte differential count
	Hemoglobin (HGB)		Mean corpuscular HGB (MCH)
	Leukocyte count (WBC)		Mean corpusc. HGB conc.(MCHC)
	Erythrocyte count (RBC)		Mean corpusc. volume (MCV)
	Platelet count		Reticulocyte count
	Blood clotting measurements		
	(Thromboplastin time)		
	(Clotting time)		
	(Prothrombin time)		

b. Clinical Chemistry/ Biochemistry*

	ELECTROLYTES		OTHER
	Calcium		Albumin
	Chloride		Creatinine
	Magnesium		Urea nitrogen
	Phosphorus		Total Cholesterol
	Potassium		Globulins
	Sodium		Glucose
	ENZYMES		Total bilirubin
	Alkaline phosphatase (ALK)		Total protein (TP)
	Cholinesterase (ChE)		Triglycerides
	Creatine phosphokinase		Serum protein electrophoresis
	Lactic acid dehydrogenase (LDH)		
	Alanine aminotransferase (ALT/also SGPT)		
	Apartate aminotransferase (AST/also SGOT)		
	Gamma glutamyl transferase (GGT)		
	Glutamate dehydrogenase		

6. Urinalysis*

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

	Appearance		Glucose
	Volume		Ketones
	Specific gravity		Bilirubin
	pH		Blood/blood cells
	Sediment (microscopic)		Nitrate
	Protein		Urobilinogen

7. Sacrifice and Pathology

All animals that died and those sacrificed on schedule were subjected to gross pathological examination and the CHECKED (X) tissues were collected for histological examination *[note if not all collected tissues were examined - guideline requires full histopathology in control and high-dose groups as well as in animals that were sacrificed or died]*. The (XX) organs, in addition, were weighed.

DIGESTIVE SYSTEM		CARDIOVASC./HEMAT.		NEUROLOGIC
Tongue		Aorta, thoracic*		Brain (multiple sections)*+
Salivary glands*		Heart*+		Periph.nerve*
Esophagus*		Bone marrow*		Spinal cord (3 levels)*
Stomach*		Lymph nodes*		Pituitary*
Duodenum*		Spleen*+		Eyes (retina, optic nerve)*
Jejunum*		Thymus		**GLANDULAR**
Ileum*				Adrenal gland*+
Cecum*		**UROGENITAL**		Lacrimal gland
Colon*		Kidneys*+		Parathyroids*
Rectum*		Urinary bladder*		Thyroids*
Liver*+		Testes*+		**OTHER**
Gall bladder* (not rat)		Epididymides*+		Bone (sternum and/or femur)
Bile duct* (rat)		Prostate*		Skeletal muscle
Pancreas*		Seminal vesicle*		Skin*
RESPIRATORY		Ovaries*+		All gross lesions and
Trachea*		Uterus*+		
Lung*++		Mammary gland*		
Nose*				
Pharynx*				
Larynx*				

* Required for carcinogenicity studies based on Guideline 870.4200.
+Organ weight required in carcinogenicity studies.
++Organ weight required if inhalation route.

i. Organ weight - *[absolute and relative as appropriate, relate to any histological changes]*

ii. Gross pathology -

iii. Microscopic pathology - *[relate with other findings, as appropriate]*

a) Non-neoplastic –

b) Neoplastic –

D. CONCLUSIONS: *[Note any deficiencies and how they impact on the study results and interpretation, if at all. Include the following points in your discussion/conclusions section.] [Describe the significant findings and provide justification for the conclusions.]*

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

COMBINED CHRONIC TOXICITY/CARCINOGENICITY-RAT

A. Executive Summary:

In a combined chronic /carcinogenicity study test substance was administered to *[(# of animals) species, strain]*/sex/dose in *[dietary, gavage, drinking water, dermal or inhalation]* at dose levels of 0, x, x, or x ppm (equivalent to 0, x, x, x mg/kg bw/day) for *(duration)*.

[Describe toxicity briefly following instructions for exec summary paragraph 2. If there is no toxicity, state that there were no compound related effects on mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic (including tumors) pathology. Note if there was a NOAEL for clinical findings and when they occurred (for acute reference dose consideration during subsequent risk assessment.)].

The LOAEL is , based on The NOAEL is

At the doses tested, there was *(not)* a treatment related increase in tumor incidence *[specify tumor type]* when compared to controls. ***(Brief** description)*. Dosing was *(not)* considered adequate based on *(mention critical endpoint noted above)*.

B. STUDY DESIGN:

1. Animal Assignment/Dose Levels: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: STUDY DESIGN *[change heading and units as appropriate for method of administration]*

Test Group	Conc. in Diet *(units)*	Dose to animal *(units)*	Main Study # months		Interim Sac. # months	
			Male	Female	Male	Female
Control						
Low (LDT)						
Mid (MDT)						
High (HDT)						

2. Statistics - *[list parameters that were analyzed and the statistical methods used]*

C. RESULTS AND DISCUSSION (OBSERVATIONS):

1. Clinical signs of toxicity :

1a. Cage side Observations:

1b. Clinical Examination

1c. Neurological Evaluations

2. Body weight:

[Include a table of body weight gain, especially 0-3, 3-13, (0-13), 13-26, 26-52, 52-75, 75-104 weeks, rather than cumulative weight gain alone, especially if there is a treatment related effect. Other time points should be included as appropriate to get the point across]

TABLE 2: Mean body weights (BW) and body weight gains (BWG) [a] *[SAMPLE - some form of this table is required when there is a treatment-related effect]*

g□SD	0	LDT	MDT	HDT
MALES Initial BW				
Final BW				
BWG Wk 1 (% C)				
BWG Wk 1-13 (%C)				
BWG Wk 13-26 (% C)				
BWG Wk 26-52 (% C)				
BWG Wk 52-75 (% C)				
Overall BWG Wk -1-104				
FEMALES Initial BW				
Final BW				
BWG Wk 1 (% C)				
BWG Wk 1-13 (%C)				
BWG Wk 13-26 (% C)				
BWG Wk 26-52 (% C)				
BWG Wk 52-75 (% C)				
Overall BWG Wk -1-104				

C = control

[a] Data obtained from pages *(insert page #s)* in the study report.

* Statistically different ($p < 0.05$) from the control.

** Statistically different ($p < 0.01$) from the control.

3. Food consumption and compound intake: *[if feeding study]*

i. Food consumption -

ii. Compound consumption (time-weighted average) *[include compound intake in table 1]* **-**

iii. Food efficiency *[if relevant, - relate to effects on body weight gain]*

4. Ophthalmoscopic examination:

5. Blood analyses:

i. Hematology & Clinical Chemistry:

a. Hematology

Hematocrit (HCT)		Leukocyte differential count
Hemoglobin (HGB)		Mean corpuscular HGB (MCH)
Leukocyte count (WBC)		Mean corpusc. HGB conc.(MCHC)
Erythrocyte count (RBC)		Mean corpusc. volume (MCV)
Platelet count		Reticulocyte count
Blood clotting measurements		
(Thromboplastin time)		
(Clotting time)		
(Prothrombin time)		

b. Clinical Chemistry

ELECTROLYTES		**OTHER**
Calcium		Albumin
Chloride		Creatinine
Magnesium		Urea nitrogen
Phosphorus		Total Cholesterol
Potassium		Globulins
Sodium		Glucose (fasting)
ENZYMES (more than 2 hepatic enzymes)		Total bilirubin
Alkaline phosphatase (ALK)		Total protein (TP)
Cholinesterase (ChE)		Triglycerides
Creatine phosphokinase		Serum protein electrophoresis
Lactic acid dehydrogenase (LDH)		
Alanine aminotransferase (ALT/ SGPT)		
Aspartate aminotransferase (AST/ SGOT)		
Gamma glutamyl transferase (GGT)		
Sorbitol		
Glutamate dehydrogenase		

6. Urinalysis:

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

Appearance		Glucose
Volume		Ketones
Specific gravity / osmolality		Bilirubin
pH		Blood/ red blood cells
Sediment (microscopic)		Nitrate
Protein		Urobilinogen

7. Sacrifice and Pathology

All animals that died and those sacrificed on schedule were subjected to gross pathological examination and the CHECKED (X) tissues were collected for histological examination *[note if not all collected tissues were examined]*. The (XX) organs, in addition, were weighed.

DIGESTIVE SYSTEM		**CARDIOVASC./HEMAT**		**NEUROLOGIC**
Tongue		Aorta, thoracic*		Brain (multiple sections)*+
Salivary glands*		Heart*+		Periph.nerve*
Esophagus*		Bone marrow*		Spinal cord (3 levels)*
Stomach*		Lymph nodes*		Pituitary*
Duodenum*		Spleen*+		Eyes (retina, optic nerve)*
Jejunum*		Thymus		**GLANDULAR**
Ileum*				Adrenal gland*+
Cecum*		**UROGENITAL**		Lacrimal gland
Colon*		Kidneys*+		Parathyroids*
Rectum*		Urinary bladder*		Thyroids*
Liver*+		Testes*+		**OTHER**
Gall bladder* (not rat)		Epididymides*+		Bone (sternum and/or femur)
Bile duct (rat)		Prostate*		Skeletal muscle
Pancreas*		Seminal vesicle*		Skin*
RESPIRATORY		Ovaries*+		All gross lesions and
Trachea*		Uterus*+		
Lung*++		Mammary gland*		
Nose*				
Pharynx*				
Larynx*				

* Required for combined chronic/carcinogenicity studies +Organ weight required in combined chronic/carcinogenicity studies.

++Organ weight required if inhalation route.

i. Organ weight - *[absolute and relative as appropriate, relate to any histological changes]*

ii. Gross pathology -

iii. Microscopic pathology - *[relate with other findings, as appropriate]*

a) Non-neoplastic -

b) Neoplastic –

D. CONCLUSIONS: *[Note any deficiencies and how they impact on the study results and interpretation, if at all. Include the following points in your discussion/conclusions section] [Describe the significant findings and provide justification for the conclusions.]*

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

[At the doses tested, there was *(not)* a treatment related increase in tumor incidence *[specify tumor type]* when compared to controls. *(**Brief** description)*. Dosing was *(not)* considered adequate based on *(mention critical endpoint noted above)*.]

PRENATAL DEVELOPMENTAL TOXICITY - *[RODENT SPECIES]*

A. Executive Summary:

In a developmental toxicity study test substance *(% a.i., batch/lot #)]* was administered to *[(# of females) strain]* rats/dose in *[diet, water, by capsule, by gavage]* at dose levels of 0, x, x, or x mg/kg bw/day from days *[#]* through *[#]* of gestation.

[Describe maternal toxicity briefly. If none, state that there were no treatment-related effects in survival, clinical signs, body weight, food consumption, or cesarean parameters. Include effects at doses >LOAEL.]

The maternal LOAEL is mg/kg bw/day, based on *[endpoints]*.

The maternal NOAEL is mg/kg bw/day.

[Describe developmental toxicity briefly. If none, state that there were no treatment-related effects in developmental parameters. Include effects at doses > LOAEL.

The developmental LOAEL is mg/kg bw/day, based on *[endpoints]*.

The developmental NOAEL is mg/kg bw/day.

B. STUDY DESIGN

1. Mating: *[describe technique used, e.g.,* sexually mature females were mated with sexually mature males *(verify males were same strain, source as female).]* Confirmation of mating was determined by *[describe, e.g., the presence of sperm in the vaginal washing; or the presence of a copulatory plug]* and was designated as day [0] of gestation.

2. Animal Assignment: Animals were assigned [*randomly?, how?]* to dose groups as indicated in Table 1 *[The information in this table is **MANDATORY**]*.

TABLE 1. Animal Assignment *[change heading / units as appropriate for method of administration]*

Dose (mg/kg bw/day)	**0**	**LDT**	**MDT**	**HDT**
# Females				

2. **Statistical analyses:** *[Statistical procedures should be described in detail for each endpoint evaluated. The litter should be considered the unit of statistical analysis. Differentiate between parametric and non-parametric analysis Describe any data transformations used. General statistical assumptions need not be stated unless there are deviations from generally applied techniques. Animals excluded from analyses should be in table footnotes.]*

3. **Indices:** The following indices were calculated from cesarean section records of animals in the study: *[Formulas or descriptions of pre- and post-implantation loss indices and any other indices as provided in the study report.]*

C. RESULTS AND DISCUSSION (OBSERVATIONS)

1. MATERNAL TOXICITY

1. Mortality and Clinical Observations: The following observations were reported: *[Describe findings along with incidences or #animals affected/# animals examined]*.

2. Body Weight - Body weight data are summarized in Table 2 and as follows: *[include, body weight gain, corrected for gravid uterine weight, as necessary.]*

TABLE 2. Mean Maternal Body Weight Gain (g) [a]

a Data obtained from pages *(insert page #s)* in the study report.

Interval	Dose in mg/kg bw/day (# of Dams)			
	Control (N)	LDT (N)	MDT (N)	HDT (N)
Pretreatment: Days # -#				
Treatment: Days # -#				
Posttreatment: Days # -#				
Corrected BW Gain				

* Statistically different ($p < 0.05$) from the control.
** Statistically different ($p < 0.01$) from the control.

3. Food Consumption - Food consumption data are summarized as follows: *[Describe findings]*. *(Include table only if needed)*.

4. Gross Pathology - Gross pathology data are summarized as follows: *[Describe findings]*.

5. Cesarean Section Data - Data are as follows: *[Describe findings]*; as summarized in Table 3. *[data should be presented as both fetal and litter incidences]*

TABLE 3 Cesarean Section Observations [a]

Observation	Dose (mg/kg bw/day)			
	0	LDT	MDT	HDT
# Animals Assigned (Mated)				
# Animals Pregnant				
Pregnancy Rate (%)				
# Nonpregnant				
Maternal Wastage				
# Died				
# Died Pregnant				
# Died Nonpregnant				
# Aborted				
# Premature Delivery				
Total # Corpora Lutea Corpora Lutea/Dam				
Total # Implantations (Implantations/Dam)				
Total # Litters				
Total # Live Fetuses (Live Fetuses/Dam)				
Total # Dead Fetuses				

(Dead Fetuses/Dam)				
Total # Resorptions				
Early				
Late				
Resorptions/Dam				
Early				
Late				
Litters with Total Resorptions				
Mean Fetal Weight (g)				
Males				
Females				
Sex Ratio (% Male)				
Preimplantation Loss (%)				
Postimplantation Loss (%)				

a Data obtained from pages *(insert page #s)* in the study report.

* Statistically different ($p < 0.05$) from the control.

** Statistically different ($p < 0.01$) from the control.

2. DEVELOPMENTAL TOXICITY *[Special instructions for Tables 4a, b, c: generally present variations and malformations (or other classifications of anomalies) separately; if there are no treatment-related findings include only a few of the most common findings; give the total visceral, skeletal and visceral alterations when applicable.]*

1. External Examination - *[Describe noteworthy findings]*.

2. Visceral Examination - *[Describe noteworthy findings]*.

3. Skeletal Examination - *[Describe noteworthy findings]*.

TABLE 4a. External Examinations [a]

Observations [b]	**Dose (mg/kg bw/day)**			
	0	**LDT**	**MDT**	**HDT**
#Fetuses(litters) examined				
#Fetuses(litters) affected				
[Finding]	[c]			

a Data obtained from pages *(insert page #s)* in the study report.

b Some observations may be grouped together.

c Fetal (litter) incidence

* Statistically different ($p < 0.05$) from the control.

** Statistically different ($p < 0.01$) from the control.

TABLE 4b. Visceral Examinations a

Observations [b]	**Dose (mg/kg bw/day)**			
	0	**LDT**	**MDT**	**HDT**

#Fetuses(litters) examined				
#Fetuses(litters) affected				
[Finding]	c			

a Data obtained from pages *(insert page #s)* in the study report.
b Some observations may be grouped together.
c Fetal (litter) incidence
* Statistically different ($p < 0.05$) from the control.

TABLE 4c. Skeletal Examinations [a]

Observations	**Dose (mg/kg bw/day)**			
	0	**LDT**	**MDT**	**HDT**
#Fetuses(litters) examined				
#Fetuses(litters) affected				
[Finding]				

a Data obtained from pages *(insert page #s)* in the study report.
b Some observations may be grouped together.
c Fetal (litter) incidence
* Statistically different ($p < 0.05$) from the control.
** Statistically different ($p < 0.01$) from the control.

D. CONCLUSIONS: *[Note any deficiencies and how they impact on the study results and interpretation, if at all. Include the following points in your discussion/conclusions section.]*
[Describe the significant maternal findings and provide justification for the conclusions.]
The maternal LOAEL is mg/kg bw/day, based on *[endpoints]*.
The maternal NOAEL is mg/kg bw/day.
[Describe developmental toxicity briefly.]
a. Deaths/Resorptions:
b. Altered Growth:
c. Developmental Variations:
d. Malformations:
[If none, state that there were no treatment-related effects in developmental parameters. Include effects at doses >LOAEL.]
The developmental LOAEL is mg/kg bw/day, based on *[endpoints]*.
The developmental NOAEL is mg/kg bw/day.

PRENATAL DEVELOPMENTAL TOXICITY - *[NON-RODENT SPECIES]*

A. EXECUTIVE SUMMARY:

In a developmental toxicity study (MRID *[number])* *[Chemical name (% a.i., batch/lot #)]* was administered to *[(# of females) strain]* rabbits/dose in *[diet, drinking water, by capsule, by gavage]* at dose levels of 0, x, x, or x mg/kg bw/day from days *[#]* through *[#]* of gestation.

[Describe maternal toxicity briefly. If none, state that there were no treatment-related effects in survival, clinical signs, body weight, food consumption, or cesarean parameters. Include effects at doses > LOAEL.]

The maternal LOAEL is mg/kg bw/day, based on *[endpoints]*.

The maternal NOAEL is mg/kg bw/day.

[Describe developmental toxicity briefly. If none, state that there were no treatment-related effects in developmental parameters. Include effects at doses > LOAEL.

The developmental LOAEL is mg/kg bw/day, based on *[endpoints]*.

The developmental NOAEL is mg/kg bw/day.

B. STUDY DESIGN

1. Mating: *[Describe technique used, i.e., whether natural or artificial insemination. How was mating confirmed? Verify males were same strain, source.]* The day of mating was designated as gestation day [0].

2. Animal Assignment: Animals were assigned [*randomly?, how?]* to dose groups as indicated in Table 1 *[The information in this table is **MANDATORY**]*.

TABLE 1: Animal Assignment *[change heading / units as appropriate for method of administration]*

Dose (mg/kg bw/day)	**0**	**LDT**	**MDT**	**HDT**
# Females				

3. Statistical analyses: *[Statistical procedures should be described in detail for each endpoint evaluated. The litter should be considered the unit of statistical analysis. Differentiate between parametric and non-parametric analysis. Describe any data transformations used. General statistical assumptions need not be stated unless there are deviations from generally applied techniques. Animals excluded from analyses should be in table footnotes.]*

4. Indices: The following indices were calculated from cesarean section records of animals in the study: *[Formulas or descriptions of pre- and postimplantation loss indices and any other indices as provided in the study report.]*

C. RESULTS AND DISCUSSIONS (OBSERVATIONS):

1. MATERNAL TOXICITY

1. Mortality and Clinical Observations: The following observations were reported: *[Describe findings along with incidences or #animals affected/# animals examined]*.

2. Body Weight - Body weight data are summarized in Table 2 and as follows: *[Also include, body weight gain, corrected for gravid uterine weight, as necessary.]*

TABLE 2 Mean Maternal Body Weight Gain (g) [a]

Interval	Dose in mg/kg bw/day (# of Dams)			
	Control (N)	LDT (N)	MDT (N)	HDT (N)
Pretreatment: Days # -#				
Treatment: Days # -#				
Post-treatment: Days # -#				
Corrected BW Gain				

a Data obtained from pages *(insert page #s)* in the study report.

* Statistically different ($p < 0.05$) from the control.

** Statistically different ($p < 0.01$) from the control.

3. Food Consumption - Food consumption data are summarized as follows: *[Describe findings]*. *(Include table only if needed)*.

4. Gross Pathology - Gross pathology data are summarized as follows: *[Describe findings]*.

5. Cesarean Section Data - Data are as follows: *[Describe findings]*; as summarized in Table 3. *[data should be presented as both fetal and litter incidences]*

TABLE 3 Cesarean Section Observations [a] [Include ?SD with mean values, as appropriate.]

Observation	Dose (mg/kg bw/day)			
	0	LDT	MDT	HDT
# Animals Assigned (Mated)				
# Animals Pregnant				
Pregnancy Rate (%)				
# Nonpregnant				
Maternal Wastage				
# Died				
# Died Pregnant				
# Died Nonpregnant				
# Aborted				
# Premature Delivery				
Total # Corpora Lutea Corpora Lutea/Dam				
Total # Implantations (Implantations/Dam)				
Total # Litters				
Total # Live Fetuses (Live Fetuses/Dam)				
Total # Dead Fetuses				

(Dead Fetuses/Dam)				
Total # Resorptions				
Early				
Late				
Resorptions/Dam				
Early				
Late				
Litters with Total Resorptions				
Mean Fetal Weight (g)				
Males				
Females				
Sex Ratio (% Male)				
Preimplantation Loss (%)				
Postimplantation Loss (%)				

a Data obtained from pages *(insert page #s)* in the study report.

* Statistically different ($p < 0.05$) from the control.

** Statistically different ($p < 0.01$) from the control.

DEVELOPMENTAL TOXICITY

[Special instructions for Tables 4a, b, c: generally present variations and malformations (or other classifications of anomalies) separately; if there are no treatment-related findings include only a few of the most common findings; give the total visceral, skeletal and visceral alterations when applicable.]

1. External Examination - *[Describe noteworthy findings]*.

2. Visceral Examination - *[Describe noteworthy findings]*.

3. Skeletal Examination - *[Describe noteworthy findings]*.

TABLE 4a. External Examinations [a]

Observations [b]	**Dose (mg/kg bw/day)**			
	0	**LDT**	**MDT**	**HDT**
#Fetuses(litters) examined				
#Fetuses(litters) affected				
[Finding]	( ) [c]	( )	( )	( )

a Data obtained from pages *(insert page #s)* in the study report.

b Some observations may be grouped together.

c Fetal (litter) incidence

* Statistically different ($p < 0.05$) from the control.

** Statistically different ($p < 0.01$) from the control.

TABLE 4b. Visceral Examinations [a]

Observations [b]	**Dose (mg/kg bw/day)**			
	0	**LDT**	**MDT**	**HDT**
#Fetuses(litters) examined				
#Fetuses(litters) affected				
[Finding]	[c]			

a Data obtained from pages *(insert page #s)* in the study report.

b Some observations may be grouped together.

c Fetal (litter) incidence

* Statistically different ($p < 0.05$) from the control.

** Statistically different ($p < 0.01$) from the control.

TABLE 4c. Skeletal Examinations [a]

Observations [b]	**Dose (mg/kg bw/day)**			
	0	**LDT**	**MDT**	**HDT**
#Fetuses(litters) examined				
#Fetuses(litters) affected				
[Finding]				

a Data obtained from pages *(insert page #s)* in the study report.
b Some observations may be grouped together.
c Fetal (litter) incidence
* Statistically different ($p < 0.05$) from the control.
** Statistically different ($p < 0.01$) from the control.

D. CONCLUSIONS: *[Note any deficiencies and how they impact on the study results and interpretation, if at all. Include the following points in your discussion/conclusions section.]*
[Describe the significant maternal findings and provide justification for the conclusions.]
The maternal LOAEL is mg/kg bw/day, based on *[endpoints]*.
The maternal NOAEL is mg/kg bw/day.
[Describe developmental toxicity briefly.]
a. Deaths/Resorptions:
b. Altered Growth:
c. Developmental Variations:
d. Malformations:
The developmental LOAEL is mg/kg bw/day, based on *[endpoints]*.
The developmental NOAEL is mg/kg bw/day.

TWO GENERATION REPRODUCTION AND FERTILITY EFFECTS STUDY

A. Executive Summary:

In a *[#]*-generation reproduction study (MRID *[number]*) *[Chemical name (% a.i., batch/lot #)]* was administered to *[(# of animals) strain, species]*/sex/dose in *[diet, water, by capsule, by gavage]* at dose levels of 0, x, x, x ppm (equivalent to 0, x, x, or x mg/kg bw/day). *(Mention number of litters per generation and other critical or unusual procedures)*

[Describe parental toxicity briefly for both males and females, including treatment-related effects at doses >LOAEL if applicable.

The parental systemic LOAEL is ppm (mg/kg bw/day in males, mg/kg bw/day in females), based on *[endpoint]*.

The parental systemic NOAEL is ppm (mg/kg bw/day in males, mg/kg bw/day in females).

B. STUDY DESIGN

1. Mating procedure: *[SAMPLE - [#] male was caged with [#] females from the same test group until sperm cells were observed in vaginal smears taken daily during the mating period. If sperm were not found after [#] days' observation, the first male was removed and [#] days later was replaced by another male with proven fertility in the same test group. (If two attempts at mating were unsuccessful the report should state that no further matings were tried. Sibling matings should also be avoided for F_1.)*

After successful mating, each pregnant female was individually placed into a cage with a solid bottom and bedding where it was kept through gestation and lactation.]

2. Study schedule: *[SAMPLE - The P parental animals were given test diets for [#] weeks before they were mated, and the F_1 parental animals were not mated until [#] weeks after they were selected from the F_1 litters. Selection of parents for the F_1 generation was made when the pups were [#] days of age, and the mated animals in the study were approximately [#] weeks of age at mating.]*

3. Animal assignment: P animals were randomly *[how]* assigned to test groups as seen in Table

TABLE 1. Animal Assignment *[include data from both generations in the table as needed]*

Test Group	Dose in Diet [a] *(units)*	Animals/group			
		P Males	P Females	F_1 Males	F_1 Females
Control					
Low (LDT)					
Mid (MDT)					
High (HDT)					

a Diets were administered from *[beginning of the study until sacrifice]*

4. Statistical analyses: *[list parameters that were analyzed and the statistical methods used]*

5. Indices:

Reproductive indices: The following reproductive indices were calculated from breeding and parturition records of animals in the study: *[Formulas or descriptions as provided in the study report.]*

Offspring viability indices: The following viability indices were calculated from lactation records of litters in the study: *[Formulas or descriptions as provided in the study report.]*

C. RESULTS AND DISCUSSIONS (OBSERVATIONS):

1. Parental animals: Observations and the schedule for those observations are summarized from the report. *[Description of endpoints in text or table format including: mortality and clinical signs, detailed examinations, body weight and food consumption, estrous cyclicity, sperm parameters, etc.]*

Gross necropsy consisted of external and internal examinations including the cervical, thoracic, and abdominal viscera.

The following tissues (X) were prepared for microscopic examination and weighed (XX):

a. Mortality and clinical signs: *[Discuss treatment-related mortality including cause of death and time of occurrence.]*

	Ovaries		Testes
	Uterus		Epididymides
	Vagina/cervix		Prostate
	Lesions		Seminal vesicles

The following clinical signs were observed: *[Describe findings]*. These results are summarized in Table 3.

TABLE 3. Mortality and Clinical Signs a

Observation	Dose Group			
	Control	LDT	MDT	HDT
***[P or F_1]* Generation - Males**				
***[P or F_1]* Generation - Females**				

a Data obtained from pages *(insert page #s)* in the study report.

b. Body weight and food consumption:

Body weight was *[Describe findings]*.

Food consumption was *[Describe findings]*.

Reported body weight and selected food consumption results are summarized in Table 4. *[findings should be presented for each generation and sex; data can be split into more than one table.]*

TABLE 4. Mean Body Weight and Food Consumption - Pre-mating [a]

Observations/study week	Dose Group			
	Control	LDT	MDT	HDT
***[P or F1]* Generation Males - Pre-mating**				
Mean body weight (g) Week *[#]*				
Mean weight gain (g) Weeks *[# - #]*				
Mean food consumption (g/animal/day) Weeks *[# - #]*				
***[P or F1]* Generation Females - Pre-mating**				
Mean body weight (g) Week *[#]*				
Mean weight gain (g) Weeks *[# - #]*				
Mean food consumption (g/animal/day) Week *[# - #]*				

a Data obtained from pages *(insert page #s)* in the study report.

* Statistically different from control, $p<0.05$.

** Statistically different from control, $p<0.01$.

Selected group mean body weights and food consumption values for pregnant or nursing dams were summarized in the report as follows. *[Table presentation is OPTIONAL; findings during gestation and lactation should be presented or discussed for each generation.]*

c. Test Substance Intake: Based on food consumption, body weight, *[and dietary analyses results]*, the doses expressed as mean daily mg test substance/kg body weight during the *[duration in weeks]* pre-mating period are presented in Table 5. The values for the *[P or F1]* generation are considered to be representative of the test substance intake for the entire study.

TABLE 5. Mean test substance intake during premating (mg/kg body weight/day) [a]

	Male			Female		
	LDT	MDT	HDT	LDT	MDT	HDT
P						
F1						

a Data obtained from pages *(insert page #s)* in the study report.

d. Reproductive function:

a. Estrous cycle length and periodicity: *[Summarize any biologically relevant effects on the estrous cycle]* Results from the evaluation of vaginal smears indicated *[Describe findings]. [findings should be presented for each generation.]*

b. Sperm measures: *[Summarize any biologically relevant effects on sperm parameters (epididymis sperm counts, motility, morphology; and testicular spermatid counts).]* Results from the evaluation of sperm parameters revealed *[Describe findings]. [findings should be presented for each generation.]*

5. Reproductive performance: *[Summarize any biologically relevant effects on reproductive performance]* Results for the parental animals are summarized from the report in Table 6. *[findings should be presented for each generation and each litter; the table should be based on report content and include any calculated reproductive indices.]*

TABLE 6. Reproductive Performance [a] *[Example:]*

Observation	Dose Group (ppm)			
	Control	LDT	MDT	HDT
P Generation - Litter A				
Mean (±SD) precoital interval (days)				
MALES				
Number mated				
Number fertile				
Fertility not determined				
Intercurrent deaths				
FEMALES				
Number mated				
Number fertile				
Fertility not determined				
Intercurrent deaths				
Mean (±SD) gestation interval (days)				
Number of litters				

a Data obtained from pages *(insert page #s)* in the study report.

* Statistically different from control, $p<0.05$.

** Statistically different from control, $p<0.01$.

e. Parental postmortem results:

a) Organ weights: The report noted *[Describe findings, relate to histological observations]*. Selected absolute and relative (to body weight *[brain weight])* organ weight values are presented in the following table.

b) Pathology

1) Macroscopic examination: The report noted the following observations to be related to the administration of the test substance. *[Describe findings]*

2) Microscopic examination: The report noted the following observations to be related to the administration of the test substance. *[Describe findings, relate with other findings as appropriate]*

2. OFFSPRING

a. Viability and clinical signs: The following findings were reported: *[Discuss results; describe anogenital distance results, if measured.]*

Mean litter size and viability (survival) results from pups during lactation are summarized from the report in Table 7.

TABLE 7. Litter parameters for F_1 and F_2 generations [a] *[Example; data should be presented for each generation (F_1 and F_2 pups); include mean values, as appropriate.]*

Observation	Dose Group (ppm)			
	Control	50	250	1250
F_1 Generation				
Mean implantation sites				
Number born live				
Number born dead				
Sex Ratio Day 0 (% ♀)				
# Deaths Days 0-4 (%)				
# Deaths Days 4-21 (%)				
Mean litter size Day 0				
Day 4 [b]				
Day 4 [c]				
Day 7				
Day 14				
Day 21				
Birth index				
Live birth index				
Viability index				
Lactation index				
F_2 Generation				
Mean implantation sites				
Number born live				
Number born dead				

Observation	Dose Group (ppm)			
	Control	50	250	1250
Sex Ratio Day 0 (% ♀)				
# Deaths Days 0-4 (%)				
# DeathsDays 4-21 (%)				
Mean litter size Day 0				
Day 4 [b]				
Day 4 [c]				
Day 7				
Day 14				
Day 21				
Birth index				
Live birth index				
Viability index				
Lactation index				

a Data obtained from pages *(insert page #s)* in the study report.
b Before standardization (culling)
c After standardization (culling)
* Statistically different from control, $p<0.05$
** Statistically different from control, $p<0.01$
The report stated that the clinical observations of offspring during lactation included *[Describe findings]*. The results of these observations are as follows.

b. Body weight: Offspring body weights were *[Describe findings]*. Selected mean pup body weight data are presented in Table 8.

TABLE 8. Mean (±SD) Litter and Pup Weights (g) [a] *[Example; data should be presented for each generation (F_1 and F_2 pups)]*

Dose Group (ppm)								
Lactation Day	**0**	**50**	**250**	**1250**	**0**	**50**	**250**	**1250**
	F_1 Litters				**F_2 Litters**			
1								
4 b								
4 c								
7								
14								
21								
	F_1 Pups - male				**F_2 Pups - male**			
1								
4 b								
4 c								
7								
21								
	F_1 Pups - female				**F_2 Pups - female**			
1								
4 b								
4 c								
7								

21								

a Data obtained from pages *(insert page #s)* in the study report.
b Before standardization (culling)
c After standardization (culling)
* Statistically different from control, $p<0.05$
** Statistically different from control, $p<0.01$

c. Sexual maturation (F_1): *[Summarize any biologically relevant effects on vaginal opening and preputial separation.]* Sexual maturation was *[Describe findings]*.

d. Offspring postmortem results:

a) Organ weights: The report noted *[Describe findings]*. Selected absolute and relative (to body weight *[brain weight])* organ weight values are presented in the following table.

b) Pathology

i) Macroscopic examination: The following findings were reported: *[Describe findings]*

ii) Microscopic examination: The report noted the following: *[Describe findings]*

D. CONCLUSIONS:

The parental systemic LOAEL is ppm (mg/kg bw/day in males, mg/kg bw/day in females), based on *[endpoint]*.

The parental systemic NOAEL is ppm (mg/kg bw/day in males, mg/kg bw/day in females).

The offspring LOAEL is ppm (mg/kg bw/day), based on *[endpoint]*. The offspring NOAEL is ppm (mg/kg bw/day).

The reproductive LOAEL is ppm (mg/kg bw/day in males, mg/kg bw/day in females), based on *[endpoint]*.

The reproductive NOAEL is ppm (mg/kg bw/day in males, mg/kg bw/day in females).

METABOLISM [*RODENT SPECIES*];

A. Executive Summary:

In a metabolism study test substance *[Chemical name (% a.i., batch/lot #), include location of radioactive label]* was administered to *[(# of animals) species, strain]*/sex/dose in *[method of exposure: eg. by gavage]* at dose levels of 0, x, x [mg/kg or other pertinent units].

Be brief (one or two paragraphs) [Describe, as appropriate: recoveries and routes of elimination of radioactivity and time frame as they relate to absorption and excretion of the compound; radioactivity in organs of concern, especially as it relates to bioaccumulation; sex and treatment group differences; and expired air radioactivity; major metabolites; other major factors.]

This metabolism study in the *(species)* is classified *[acceptable, unacceptable (guideline, non-guideline)]* and satisfies *(does not satisfy)* the guideline requirement for a metabolism study [OPPTS 870.7485, OECD 417] in *[species] [If unacceptable, why and is it upgradable. If it does not satisfy the requirement, concisely list only major deficiencies or refer to deficiency section.]*

B. STUDY DESIGN:

1. Group Arrangements

Animals were assigned *[note how assigned, e.g., random, briefly describe groups as needed]* to the test groups noted in Table 1.

TABLE 1: Dosing groups for pharmacokinetic studies for *(chemical)*

Test Group	**Dose of labeled material (mg/kg)**	**Number/sex**	**Remarks (eg. time of sacrifice)**
Oral Dose			
Treatment 2 ***[if applicable]***			
Treatment 3 ***[if applicable]***			
: :			

2. Dosing and sample collection: *[Briefly describe dosing methods and sample collection]*

a. Pharmacokinetic studies: *[give details of experiments including what was sampled (urine, feces, tissues, cage washes, bile, if appropriate) and when and how often.]*

b. Metabolite characterization studies: *[What was collected for identification, when and from how many animals (samples pooled or not), method type for identification (e.g. GCMS or TLC)].*

3. Statistics: *[list parameters that were analyzed and the statistical methods used]*

C. RESULTS AND DISCUSSION (OBSERVATIONS):

1. PHARMACOKINETIC STUDIES:

1. Preliminary experiment [*Briefly describe results]*

2. Absorption *[Briefly describe absorption, may include an optional table relating excretion of radioactivity (in urine, feces, etc.) to sampling time]*

3. Tissue distribution *[include groups that are applicable; describe distribution patterns for each treatment group. Some form of table 2 is recommended, if data are available.]*

TABLE 2: Distribution of radioactivity in rat tissues/organs after administration of C^{14}-labeled Compound XX[a].

	Percent of radioactive dose administered [or ppm equivalents]					
	Oral dose		**Treatment 2 (if applicable)**		**Treatment 3 (if applicable)**	
Tissue/organ	**Male**	**Female (if applicable)**	**Male**	**Female (if applicable)**	**Male**	**Female (if applicable)**
Organ 1						
Organ 2....						

[a] Data obtained from pages *(insert page #s)* in the study report.

[Write a brief narrative of the contents of Table 2 under the following headings]:

a) Oral Dose : As summarized in Table 2 .....

b) Treatment 2 ..... *[If Applicable]*

c) Treatment 3 ..... *[If Applicable]*

4. Excretion *[include treatment groups that are applicable) (describe excretion patterns for each treatment group. Some form of table 3 is recommended]*

TABLE 3: Recovery of radioactivity in tissues and excreta of rats after administration of C^{14}-labeled Compound XX[a].

	Percent of radioactive dose recovered					
	Oral Dose		**Treatment 2 (if applicable)**		**Treatment 3 (if applicable)**	
	Male	**Female (if applicable)**	**Male**	**Female (if applicable)**	**Male**	**Female (if applicable)**
Expired air						
Tissues						
Carcass						
Cage wash						
Urine[b]						
Feces						
Total						

[a] Data obtained from pages *(insert page #s)* in the study report.

[b]Report at appropriate intervals.

[Write a brief narrative of the contents of Table 3 under the following headings]:

a) Oral Dose: As summarized in Table 3.....

b) Treatment 2: *[If applicable]*

c) Treatment 3: *[If applicable]*

2. METABOLITE CHARACTERIZATION STUDIES:

[Give the metabolites identified, include percent of radioactive dose given, where they were identified, when if applicable, how they were identified if applicable, how much parent was present in the excreta. Some form of table 4 is recommended. When available, include summary of metabolic pathways and figures available. Mention which are major vs. minor pathways. Include the registrant=s postulated pathway as a figure or attachment, preferably electronic]

TABLE 4. Metabolite profile in excreta of rats dosed with C^{14}-labeled Compound XX[a]. ***[Metabolites must be given as percent of dose.*** *If possible the reviewer should perform the necessary conversions, include Total identified, Total unidentified, Total accounted for, Total lost or unaccounted (see below)]*

Dose	**Percent of administered dose**					
	Oral Dose		**Treatment 2** ***(If Applicable)***		**Treatment 3** ***(If Applicable)***	
Compound	**Male**	**Female** ***(If Applicable)***	**Male**	**Female** ***(If Applicable)***	**Male**	**Female** ***(If Applicable)***
Parent						
Identified Metabolite 1						
Identified Metabolite 2						
Total identified						
Unidentified Metabolite X						
Unidentified Metabolite Y						
Undentified at origin or at some band						
Total unidentif.						
Total accounted for [b]						
Lost/unaccounted for [c]						
Total	100	100	100	100	100	100

[a] Data obtained from pages *(insert page #s)* in the study report.

[b] Total accounted for = (Total identified) + (Total unidentified)

[c] 100 - (Total accounted for)

C. CONCLUSIONS:

METABOLISM, DISTRIBUTION, AND EXPRESSION OF RESIDUES IN LIVESTOCK

A. Executive Summary:

[^{14}C specify radiolabel]-[active ingredient] (specific activity: xx Bq/mg) was administered to [number] laying hen at an average dose of [xx] mg/kg feed (corresponding to [xx] mg/kg bw/day). The radiolabeled compound was administered [specify route, e.g. orally] by [specify means, e.g. gelatin capsule] [once/twice] daily for [number] consecutive days. Eggs were collected twice a day and the excreta was collected once a day throughout the study period. The animals were sacrificed approximately [xx] hours following the last dose administration and the following tissues were collected for analysis: [list tissues, e.g. liver, fat, muscle, gastrointestinal (GI) tract and its contents].

[Discuss recoveries/accountabilities and routes of elimination of radioactivity; absorption and excretion of the compound; radioactivity in organs of concern (distribution/disposition), especially as it relates to bioaccumulation; extractability; major metabolites; other major factors.]

The majority of the administered dose (AD) was eliminated via excreta (xx% of the AD). An additional yy% of the AD was recovered from the GI tract and zz% of the AD from the cage wash. Throughout the study period, only xx% of the AD was transferred to eggs and less than yy% of the AD was transferred to edible tissues. The highest concentrations of residues were detected in [tissue] (xx ppm).

[Briefly summarize extraction procedures and analytical methods used to identify metabolites.]

Samples were analyzed within [xx] months of sacrifice. Freezer storage stability was investigated. Storage stability of [active ingredient] was demonstrated in [livestock matrices] for up to [xx] days/months in the study. [or [Tissue] samples were analyzed first at yy months of frozen storage, and then at zz months of frozen storage. The metabolite profiles in the chromatograms obtained from the first and second HPLC analysis were similar for [tissue] samples, thus demonstrating the stability of the analytes of interest in livestock commodities for up to zz months of frozen storage.]

[Given that samples were stored frozen for less than 6 months, storage stability data are not required.]

[Indicate whether the parent or metabolite(s) was (were) found to be the predominant residue(s) in the various matrices (include ppm equivalents and corresponding %TRR/matrix). Indicate whether any other metabolites were identified and if any were present at concentrations >10% TRR.]

[Summarize the metabolic pathway in poultry.]

The metabolic pathway of [active ingredient] in poultry involves/proceeds via…

[Include this section only if the "GLP Compliance" prompt above is answered "Significant deviations from regulatory requirements were reported."]

B. MATERIALS AND METHODS

I. MATERIALS

1. Test Material

Radiochemical purity	a-label: xx%
	b-label: xx%
Specific activity as received	a-label: xx mCi/mmol (xx mCi/mg)
	b-label: xx mCi/mmol (xx mCi/mg)
Specific activity of dose	a-label: xx mCi/mmol (xx mCi/mg)
	b-label: xx mCi/mmol (xx mCi/mg)

Position of radiolabels [Insert structures]

2. Animals

Table B.7.2.1-2. General Test Animal Information.					
Species	Breed	Age	Weight at Study Initiation (kg)	Health Status	Description of Housing/Holding Area
Hen					

II. STUDY DESIGN

Dose Regime

Table B.7.2.1-3. Test Animal Dietary Regime.				
Composition of Diet	Feed Consumption (kg/day)	Water	Acclimation Period	Pre-dosing
				Yes or No

Table B.7.2.1-4. Test Animal Dosing Regime.				
Treatment Type	Treatment Level (ppm in diet)	Vehicle	Dose (mg ai/kg bw/day)	Timing/Duration
Oral		capsule, feed, bolus, etc.		

Sampling

Table B.7.2.1-5. Sample Collection Information.			
Eggs Collected	Excreta and Cage Wash Collected*	Interval From Last Dose to Sacrifice	Tissues Harvested and Analyzed
XXX daily	XXX daily	XXX hours	

*If available.

[Briefly describe how samples were taken, parts sampled, how samples were handled after collection (shipment, storage, etc.), and any preparation that was done prior to extraction.]

Extraction and Analysis

[If available, then include a flowchart of the extraction and fractionation schemes.]

[Briefly describe the extraction, fractionation and hydrolysis strategies for each tissue including solvents used (ratios), the order of their use, the extraction procedures employed (i.e., blending, maceration, Soxhlet, etc.) and other extraction techniques.]

[Briefly describe procedures used to release bound and conjugated residues (i.e., acid, base, or enzyme hydrolysis, exhaustive extraction, etc.). Has the petitioner justified the use of severe conditions (e.g., strong acid hydrolysis in the presence of heat, etc.)?]

Identification and Characterization

[Briefly describe the methods used for identification/characterization of the residues (LSC, TLC, GLC, HPLC, etc.). If applicable, then very briefly describe difficulties with methods that fail to elucidate the nature of the residues or bound residues.]

C. RESULTS AND DISCUSSION

1. Total Radioactive Residues

Quantitation: [Briefly describe methods for determining TRR values.]

Table B.7.2.1-6. TRRs in Eggs, Tissue, and Excreta.

Matrix	A-label		B-label	
	% TRR	ppm	% TRR	ppm
Excreta				
Muscle				
Fat				
Liver				
Eggs				
GI tract				
Other				

TRRs in eggs [did/did not] appear to have reached a plateau at the end of dosing (see Table B.7.2.1-7).

Table B.7.2.1-7. TRRs in Eggs as Function of Time.

Interval		A-Label		B-Label	
		ppm	% of dose	ppm	% of dose
Day 1	AM				
	PM				
Day 2	AM				
	PM				
Day 3	AM				
	PM				
[add rows as necessary]	AM				
	PM				
Total					

Note: A graphical plot of the data may be substituted for Table B.7.2.1-7.]

2. Extraction, Characterization, and Distribution of Residues

Extraction and Characterization of Residues in Poultry

A label:

Table B.7.2.1-8. Distribution of the Parent and the Metabolites in Poultry Matrices Following Dosing with [A Label] Radiolabeled [Active Ingredient] at [Dose]. [Note: Add rows to the table as needed to accommodate the fractionation/characterization scheme. Create additional Tables B.7.2.1-x as needed to accommodate additional radiolabel positions.]

Metabolite Fraction	Excreta (TRR = xx ppm)		Fat (TRR = xx ppm)		Muscle (TRR = xx ppm)		Liver (TRR = xx ppm)		Eggs (TRR = xx ppm)	
	%TRR	ppm	%TRR	ppm	%TRR	ppm	%TRR	ppm	%TRR	ppm
Surface wash										
[Add a row for each identified compound]										
[Unidentified compound]										
Organosoluble										
[Add a row for each identified compound]										
[Unidentified compound]										
Aqueous soluble										
[Add a row for each identified compound]										
[Unidentified compound]										
Etc. (e.g. PES)										

B label:

Table B.7.2.1-9. Distribution of the Parent and the Metabolites in Poultry Matrices Following Dosing with [B Label] Radiolabeled [Active Ingredient] at [Dose]. [Note: Add rows to the table as needed to accommodate the fractionation/characterization scheme. Create additional Tables B.7.2.1-x as needed to accommodate additional radiolabel positions.]

Metabolite Fraction	Excreta (TRR = xx ppm)		Fat (TRR = xx ppm)		Muscle (TRR = xx ppm)		Liver (TRR = xx ppm)		Eggs (TRR = xx ppm)	
	%TRR	ppm	%TRR	ppm	%TRR	ppm	%TRR	ppm	%TRR	ppm
Surface wash										
[Add a row for each identified compound]										
[Unidentified compound]										
Organosoluble										
[Add a row for each identified compound]										

[Unidentified compound]										
Aqueous soluble										
[Add a row for each identified compound]										
[Unidentified compound]										
Etc. (e.g. PES)										

3. Storage Stability of Residues

[Discuss whether the petitioner demonstrated that residues are stable during storage.]

Table B. 7.2.1-10. Summary of Storage Conditions.			
Matrix (RAC or Extract)	Storage Temperature (°C)	Actual Study Duration (days or months)	Interval of Demonstrated Storage Stability [specify crop/matrix if different] (days/months)

4. Identity of Residues in Poultry

A label:

[Briefly summarize the metabolites found in each matrix.]

Table B.7.2.1-11. Summary of Characterization and Identification of Radioactive Residues in Poultry Matrices Following Dosing with [A Label] Radiolabeled [Active Ingredient] at [Dose]. [Note: Create additional Tables B.7.2.1-x as needed to accommodate additional radiolabel positions.]

Compound	Muscle		Fat		Kidney		Liver		Eggs	
	% TRR	ppm	% TRR	ppm	% TRR	ppm	% TRR	ppm	%TRR	ppm
[Parent]										
[Metabolite 1]										
[Metabolite 2]										
[Metabolite 3]										
[Metabolite 4]										
Total extractable (Aqueous + organic)										
Total identified										
Total unidentified										
Total bound residues (PES)										
% Accountability										

Total (ppm)/TRR (ppm) * 100										

PES = post-extraction solids.

B label:

[Briefly summarize the metabolites found in each matrix. Are there any major differences between labels?]

Table B.7.2.1-12. Summary of Characterization and Identification of Radioactive Residues in Poultry Matrices Following Dosing with [A Label] Radiolabeled [Active Ingredient] at [Dose]. [Note: Create additional Tables B.7.2.1-x as needed to accommodate additional radiolabel positions.]

Compound	Muscle		Fat		Kidney		Liver		Eggs	
	% TRR	ppm	% TRR	ppm	% TRR	ppm	% TRR	ppm	%TRR	ppm
[Parent]										
[Metabolite 1]										
[Metabolite 2]										
[Metabolite 3]										
[Metabolite 4]										
Total extractable (Aqueous + organic)										
Total identified										
Total unidentified										
Total bound residues (PES)										
% Accountability Total (ppm)/TRR (ppm) * 100										

PES = post-extraction solids.

5. Proposed Metabolic Pathway: [Briefly describe the metabolic pathway and reactions (i.e., oxidation, hydrolysis, etc.)]

Figure B.7.2.1. Proposed Metabolic Profile of [Active ingredient] in Poultry.

[Insert metabolic profile]

Table B.7.2.1-13. Identification of Compounds from Metabolism Study (both proposed and found).

Common Name/Code [Figure B.7.2.1 ID No.]	Chemical Name	Chemical Structure

D. CONCLUSIONS

The poultry metabolism study is considered scientifically [acceptable or unacceptable]. [Briefly, summarize the results of the submitted poultry metabolism studies such as: routes or pathways, mechanisms involved and extent/degree of metabolism observed, nature, amount, and distribution of the TRRs in the poultry tissues. Conclusion should be very high level.]

LACTATING RUMINANTS (GOAT OR COW)

A. Executive Summary

[^{14}C specify radiolabel]-[active ingredient] (specific activity: xx Bq/mg) was administered to one lactating goat at an average dose of [xx] mg/kg feed (corresponding to [xx] mg/kg bw/day). The radiolabeled compound was [specify route, e.g. orally] by [specify means, e.g. gelatin capsule] [once/twice] daily for [number] consecutive days. Milk was collected twice a day and the excreta was collected once a day throughout the study period. The animal was sacrificed approximately [xx] hours following the last dose administration and the following tissues were collected for analysis: [list tissues, e.g. liver, kidney, fat, muscle, gastrointestinal (GI) tract and its contents, and bile].

[Discuss recoveries/accountabilities and routes of elimination of radioactivity; absorption and excretion of the compound; radioactivity in organs of concern (distribution/disposition), especially as it relates to bioaccumulation; extractability; major metabolites; other major factors.]

The majority of the administered dose (AD) was eliminated via urine (xx% of the AD) and feces (xx% of the AD). An additional yy% of the AD was recovered from the GI tract and zz% of the AD from the cage wash. Throughout the study period, only xx% of the AD was transferred to milk and less than yy% of the AD was transferred to edible tissues. The highest concentrations of residues were detected in [tissue] (xx ppm).

[Briefly summarize extraction procedures and analytical methods used to identify metabolites.]

Samples were analyzed within [xx] months of sacrifice. Freezer storage stability was investigated. Storage stability of [active ingredient] was demonstrated in [livestock matrices] for up to [xx] days/months in the study. [or [Tissue] samples were analyzed first at yy months of frozen storage, and then at zz months of frozen storage. The metabolite profiles in the chromatograms obtained from the first and second HPLC analysis were similar for [tissue] samples, thus demonstrating the stability of the analytes of interest in livestock commodities for up to zz months of frozen storage.]

[Given that samples were stored frozen for less than 6 months, storage stability data are not required.]

[Indicate whether the parent or metabolite(s) was (were) found to be the predominant residue(s) in the various matrices (include ppm equivalents and corresponding %TRR/matrix). Indicate whether any other metabolites were identified and if any were present at concentrations >10% TRR.]

[Summarize the metabolic pathway in ruminant.]

The metabolic pathway of [active ingredient] in ruminant involves/proceeds via…

[Include this section only if the "GLP Compliance" prompt above is answered "Significant deviations from regulatory requirements were reported."]

B. MATERIALS AND METHODS

1. MATERIALS

a. Test Material

Radiochemical purity	a-label: xx%
	b-label: xx%
Specific activity as received	a-label: xx mCi/mmol (xx mCi/mg)
	b-label: xx mCi/mmol (xx mCi/mg)
Specific activity of dose	a-label: xx mCi/mmol (xx mCi/mg)
	b-label: xx mCi/mmol (xx mCi/mg)
Position of radiolabels [Insert structures]	

b. Animals

Table B.7.2.2-2. General Test Animal Information.

Species	Breed	Age	Weight at Study Initiation (kg)	Health Status	Description of Housing/Holding Area
Goat					

2. STUDY DESIGN

Dose Regime

Table B.7.2.2-3. Test Animal Dietary Regime.

Composition of Diet	Feed consumption (kg/day)	Water	Acclimation period	Predosing
				Yes or No

Table B.7.2.2-4. Test Animal Dosing Regime.

Treatment Type	Treatment Level (ppm in diet)[1]	Vehicle	Dose (mg ai/kg bw/day)	Timing/Duration

Oral		capsule, feed, bolus, etc.		
Dermal				

[1] Dietary burden on a dry-weight basis.

Sampling

Table B.7.2.2-5. Sample Collection Information.			
Milk Collected	Urine, Feces, and Cage Wash Collected*	Interval From Last Dose to Sacrifice	Tissues Harvested and Analyzed
XXX daily	XXX daily	XXX hours	

*If available.

[Briefly describe how samples were taken, parts sampled, how samples were handled after collection (shipment, storage, etc.), and any preparation that was done prior to extraction.]

Extraction and Analysis

[If available, then include a flowchart of the extraction and fractionation schemes.]

[Briefly describe the extraction, fractionation and hydrolysis strategies for each tissue including solvents used (ratios), the order of their use, the extraction procedures employed (i.e., blending, maceration, Soxhlet, etc.) and other extraction techniques.]

[Briefly describe procedures used to release bound and conjugated residues (i.e., acid, base, or enzyme hydrolysis, exhaustive extraction, etc.). Has the petitioner justified the use of severe conditions (e.g., strong acid hydrolysis in the presence of heat, etc.)?]

Identification and Characterization

[Briefly describe the methods used for identification/characterization of the residues (LSC, TLC, GLC, HPLC, etc.). If applicable, then very briefly describe difficulties with methods that fail to elucidate the nature of the residues or bound residues.]

C. RESULTS AND DISCUSSIONS (OBSERVATIONS)

1. Total Radioactive Residues

Quantitation: [Briefly describe methods for determining TRR values.]

Table B.7.2.2-6. TRRs in Milk, Tissue, and Excreta.				
Matrix	A-label		B-label	
	% TRR	ppm	% TRR	ppm
Urine				
Feces				
Muscle				
Fat				
Kidney				
Liver				
Milk				
GI tract				
Other				

TRRs in milk [did/did not] appear to have reached a plateau at the end of dosing (see Table B.7.2.2-7).

Table B.7.2.2-7. TRRs in Milk as Function of Time.					
Interval		A-Label		B-Label	
		ppm	% of dose	ppm	% of dose
Day 1	AM				
	PM				
Day 2	AM				
	PM				
Day 3	AM				
	PM				
[add rows as necessary]	AM				
	PM				
Total					

[Note: A graphical plot of the data may be substituted for Table B.7.2.2-7.]

2. Extraction, Characterization, and Distribution of Residues

Extraction and Characterization of Residues in Ruminant

A label:

Table B.7.2.2-8. Distribution of the Parent and the Metabolites in Ruminant Excreta Following Dosing with [A Label] Radiolabeled [Active Ingredient] at [Dose]. [Note: Add rows to the table as needed to accommodate the fractionation/characterization scheme. Create additional Tables B.7.2.2-x as needed to accommodate additional radiolabel positions.]				
Metabolite Fraction	Urine		Feces	
	(TRR = xx ppm)		(TRR = xx ppm)	
	%TRR	ppm	%TRR	ppm
Surface wash				
[Add a row for each identified compound]				
[Unidentified compound]				
Organosoluble				
[Add a row for each identified compound]				
[Unidentified compound]				
Aqueous soluble				
[Add a row for each identified compound]				
[Unidentified compound]				
Total extractable (Aqueous + organic)				
Total identified				
Total unidentified				
Total bound residues (PES)				
% Accountability Total (ppm)/TRR (ppm) * 100				

PES = post-extraction solids.

Table B.7.2.2-9. Distribution of the Parent and the Metabolites in Ruminant Matrices Followi Dosing with [A Label] Radiolabeled [Active Ingredient] at [Dose]. [Note: Add rows to the table needed to accommodate the fractionation/characterization scheme. Create additional Tables B.7.2.2-x needed to accommodate additional radiolabel positions.]

Metabolite Fraction	Muscle (TRR = xx ppm)		Fat (TRR = xx ppm)		Kidney (TRR = xx ppm)		Liver (TRR = xx ppm)		Milk (TRR = ppm)	
	%TRR	ppm	%TRR	ppm	%TRR	ppm	%TRR	ppm	%TRR	ppr
Surface wash										
[Add a row for each identified compound]										
[Unidentified compound]										
Organosoluble										
[Add a row for each identified compound]										
[Unidentified compound]										
Aqueous soluble										
[Add a row for each identified compound]										
[Unidentified compound]										

B label:

Table B.7.2.2-10. Distribution of the Parent and the Metabolites in Ruminant Excreta Following Dosing with [B Label] Radiolabeled [Active Ingredient] at [Dose]. [Note: Add rows to the table as needed to accommodate the fractionation/characterization scheme. Create additional Tables B.7.2.2-x as needed to accommodate additional radiolabel positions.]

Metabolite Fraction	Urine (TRR = xx ppm)		Feces (TRR = xx ppm)	
	%TRR	ppm	%TRR	ppm
Surface wash				
[Add a row for each identified compound]				
[Unidentified compound]				
Organosoluble				
[Add a row for each identified compound]				
[Unidentified compound]				
Aqueous soluble				
[Add a row for each identified compound]				
[Unidentified compound]				
Total extractable (Aqueous + organic)				
Total identified				

Total unidentified				
Total bound residues (PES)				
% Accountability Total (ppm)/TRR (ppm) * 100				

PES = post-extraction solids.

Table B.7.2.2-11. Distribution of the Parent and the Metabolites in Ruminant Matrices Following Dosing with [B Label] Radiolabeled [Active Ingredient] at [Dose]. [Note: Add rows to the table as needed to accommodate the fractionation/characterization scheme. Create additional Tables B.7.2.2-x as needed to accommodate additional radiolabel positions.]

Metabolite Fraction	Muscle (TRR = xx ppm)		Fat (TRR = xx ppm)		Kidney (TRR = xx ppm)		Liver (TRR = xx ppm)		Milk (TRR = xx ppm)	
	%TRR	ppm	%TRR	ppm	%TRR	ppm	%TRR	ppm	%TRR	ppm
Surface wash										
[Add a row for each identified compound]										
[Unidentified compound]										
Organosoluble										
[Add a row for each identified compound]										
[Unidentified compound]										
Aqueous soluble										
[Add a row for each identified compound]										
[Unidentified compound]										

C. Storage Stability of Residues

[Discuss whether the petitioner demonstrated that residues are stable during storage.]

Table B.7.2.2-12. Summary of Storage Conditions.			
Matrix (RAC or Extract)	Storage Temperature (°C)	Actual Study Duration (days or months)	Interval of Demonstrated Storage Stability [specify crop/matrix if different] (days or months)

D. Identity of Residues in Ruminant

A label:

[Briefly summarize the metabolites found in each matrix.]

Table B.7.2.2-13. Summary of Characterization and Identification of Radioactive Residues in Ruminant Matrices Following Dosing with [A Label] Radiolabeled [Active Ingredient]

at [Dose]. [Note: Create additional Tables B.7.2.2-x as needed to accommodate additional radiolabel positions.]										
Compound	Muscle		Fat		Kidney		Liver		Milk	
	% TRR	ppm	% TRR	ppm	% TRR	ppm	% TRR	ppm	%TRR	ppm
[Parent]										
[Metabolite 1]										
[Metabolite 2]										
[Metabolite 3]										
[Metabolite 4]										
Total extractable (Aqueous + organic)										
Total identified										
Total unidentified										
Total bound residues (PES)										
% Accountability Total (ppm)/TRR (ppm) * 100										

PES = post-extraction solids.

B label:

[Briefly summarize the metabolites found in each matrix. Are there any major differences between labels?]

Table B.7.2.2-14. Summary of Characterization and Identification of Radioactive Residues in Ruminant Matrices Following Dosing with [B Label] Radiolabeled [Active Ingredient] at [Dose]. [Note: Create additional Tables B.7.2.2-x as needed to accommodate additional radiolabel positions.]										
Compound	Muscle		Fat		Kidney		Liver		Milk	
	% TRR	ppm	% TRR	ppm	% TRR	ppm	% TRR	ppm	%TRR	ppm
[Parent]										
[Metabolite 1]										
[Metabolite 2]										
[Metabolite 3]										
[Metabolite 4]										
Total extractable (Aqueous + organic)										

Total identified										
Total unidentified										
Total bound residues (PES)										
% Accountability Total (ppm)/TRR (ppm) * 100										

PES = post-extraction solids.

E. Proposed Metabolic Pathway

[Briefly describe the metabolic pathway and reactions (i.e., oxidation, hydrolysis, etc.).]

Figure B.7.2.2. Proposed Metabolic Profile of [Active ingredient] in Ruminant.

[Insert metabolic profile]

Table B.7.2.2-15. Identification of Compounds from Metabolism Study (both proposed and found).

Common Name/Code [Figure B.7.2.2 ID No.]	Chemical Name	Chemical Structure

D. CONCLUSIONS

[Briefly, summarize the results of the submitted ruminant metabolism studies such as: routes or pathways, mechanisms involved and extent/degree of metabolism observed, nature, amount, and distribution of the TRRs in the ruminant tissues.]

LIVESTOCK FEEDING STUDIES [LIVESTOCK (CATTLE, POULTRY, SWINE, ETC.)]

A. Executive Summary:

[Active ingredient] was administered [method of administration] to [number and breed] of [animal] for [duration] consecutive days. Dosing was made at [list dosing levels in mg/kg feed]. [Report details on depuration study, if applicable.]

Milk/egg samples were collected twice daily [provide details on sampling method]. Animals were sacrificed on Day xx within [xx] hours of last dose. Tissue samples of [liver, kidney, muscle, and fat] were taken from each sacrificed animal. All samples were maintained frozen at the testing facility, during shipping to the laboratory and were stored frozen until analysis. The maximum storage interval for samples between collection and analysis was [xx] days/months. Residues of [active ingredient] have been shown to be stable in [livestock matrices] for up to [xx] days under frozen conditions. Adequate storage stability data are therefore available to support the storage conditions and intervals for samples in the current study.

Samples in the current study were analyzed using Method [Method ID], a [describe method] to determine residues of [list analytes]. Acceptable [method validation and] concurrent recoveries were reported for [matrices] samples at fortification levels of [xx] ppm, thus validating the method. The limit of quantitation (LOQ) was [xx] ppm per analyte for [matrices].

Following a pre-slaughter interval of [xx] hours, individual sample residues ranged from xx ppm to yy ppm [list matrices and residue levels]. [Describe, qualitatively and quantitatively, the relationship between residue levels and dosing levels for the matrices addressed in the study.] Depuration results indicated that residues of [analytes(s)] will [describe depuration results, noting especially matrices where there appears to be little reduction of residues with time.]

B. Materials and Methods

1. Materials

Table B.7.8.1-1. Nomenclature for [Active Ingredient] and Metabolites of Interest.	
Common name	(active ingredient)
Identity	[CAS Chemical Name]
CAS no.	
Company experimental name	
Other synonyms (if applicable)	
Metabolite X	(for each analyte)
Identity	[CAS Chemical Name]
CAS no.	
Company experimental name	
Other synonyms (if applicable)	

2. Study Design

a. Test Procedure

Livestock

Table B.7.8.1-2. Description of Livestock Used in the Feeding Study.					
Species	Breed	Age	Weight at Study Initiation (kg)	Health Status	Description of Housing/Holding Area

Diet

Table B.7.8.1-3. Test Animal Dietary Regime.				
Composition of Diet	Feed Consumption (kg/day)	Water	Acclimation Period	Predosing

Treatment

Table B.7.8.1-4. Dosing Regime.					
Treatment Group	Treatment Type	Level of Administered Dose (mg/day)	Residue Intake in Diet (ppm)	Vehicle	Timing/ Duration

Sampling

Table B.7.8.1-5. Sample Collection.		
Treatment Group	Matrix	Interval From Last Dose to Sacrifice (hours or days)

Sample Handling and Preparation

[Briefly describe how samples were handled after collection (shipment, storage, etc.) and any preparation that was done prior to extraction.]

2. Description of Analytical Procedures

Samples of [matrices] were analyzed for residues of [analyte(s)] using the Analytical Method [ID# and Title]. [Indicate if the method was previously reviewed and/or validated and for what commodities.]

[Reference study summary if method is described in the B.5.2 section of this review, or provide a description similar to that below if it is a different method.]

Briefly, samples were extracted with [solvent system]. Extracts were cleaned up using [SPE column, partitioning, etc.] and a portion of this extract was analyzed for residues of [list analytes]

using [describe instrument/detector system]. The LOQ was [xx] ppm for each analyte. [State the LOD if available and how the LOQ and LOD were determined.]

C. RESULTS AND DISCUSSIONS (OBSERVATIONS)

Method performance was evaluated [during method validation and] by use of concurrent recovery samples by fortifying [matrix] at [xx] and [yy] ppm. [n] Samples of [livestock matrix] were fortified at [xx] ppm and individual recoveries ranged from [xx]% to [yy]% with a standard deviation of [xx]%. [n] Samples of [livestock matrix] were fortified at [yy] ppm and individual recoveries ranged from [xx]% to [yy]% with a standard deviation of [xx]%. All recoveries were within the acceptable range of 70% to 120%; therefore, the method was considered valid for the analysis of [active ingredient and metabolites] residues in [livestock] matrices (Table B.7.8.1-6). [Note Table B.7.8.1.-6 should only be included if recoveries are consistently outside the acceptable range.] The fortification levels [did/did not] bracket the measured residues.

The detector response was linear (coefficient of determination, $r^2 > xx$) within the range of [concentrations]. Representative chromatograms of control samples, fortified samples and treated samples were provided. The control chromatograms generally have no peaks of interest above the chromatographic background. [The fortified sample chromatograms contained only the analyte of interest, and peaks were symmetrical and well defined.] or [Residues in controls were ≤xx ppm. The reported residue values [were/were not] corrected for apparent residues in controls.] Metabolites were expressed in parent equivalents.

Table B.7.8.1-6. Summary of Procedural/Concurrent Recoveries of [Active Ingredient] from [Matrix][1].

Matrix	Fortification Level (ppm)	Recoveries (%)	Mean ± Std. Dev. (%)
[Analyte]			

[1] This table should be included only if recoveries are consistently outside the acceptable range.

The livestock commodity samples were stored frozen at [-xx]°C for a maximum of [xx days/months] from collection to analysis (Table B.7.8.1-7). [Table B.7.8.1-7 should only be included if storage stability data are not included in B.7.8.3, if it is included, then just cite location in monograph.]

The available freezer storage stability data indicate that residues of [active ingredient and metabolites (if applicable)] were stable when stored frozen at ≤-20°C in [livestock matrices] for up to [demonstrated period]. [Indicate if the freezer storage stability data were previously reviewed and report the demonstrated storage intervals for each matrix/analyte]; or

Freezer storage stability data were generated concurrently with the livestock feeding study. [Note: A summary table of these results should be inserted here.] Data showed that [active ingredient and metabolites (if applicable)] residues were stable in [matrices] under frozen storage for the duration of the storage period; or

No storage stability studies were conducted for milk matrices or any tissue matrices, as all samples were analyzed within 30 days of collection.

Table B.7.8.1-7. Summary of Storage Conditions[1].			
Matrix (RAC or Extract)	Storage Temperature (°C)	Actual Storage Duration (days/months)	Interval of Demonstrated Storage Stability [specify matrix if different] (days/months)

[1] Delete this table if storage stability addressed in B.7.8.3.

The results from the feeding study showed that when dosed at xx, yy, zz ppm, residues of [active ingredient and metabolites, if applicable] in [livestock matrices] ranged from [xx] ppm to [yy] ppm.

Table B.7.8.1-8. [Whole Milk/Egg] Residue Data From [Ruminant/Poultry] Feeding Study with [Active Ingredient].						
Animal Identification #	Matrix/Collection Time	Feeding Level (ppm)	Residues[1] (ppm)			
			Analyte 1	Analyte 2	Analyte 3	Total[2,3] (Mean)
			Rep 1	Rep 1	Rep 1	
			Rep 2	Rep 2	Rep 2	
			Rep 1	Rep 1	Rep 1	
			Rep 2	Rep 2	Rep 2	
			Rep 1	Rep 1	Rep 1	
			Rep 2	Rep 2	Rep 2	
			Rep 1	Rep 1	Rep 1	
			Rep 2	Rep 2	Rep 2	

[1] Expressed as parent equivalents.

[2] Total = Parent + Metabolite X [which corresponds to the residue definition for enforcement purposes].

[3] Do not include this column if the residue definition for enforcement purposes has not been determined.

Table B.7.8.1-9. Tissue Residue Data From [Ruminant/Poultry] Feeding Study with [Active Ingredient].						
Animal Identification #	Tissue/Collection Time	Feeding Level (ppm)	Residues[1] (ppm)			
			Analyte 1	Analyte 2	Analyte 3	Total[2,3] (Mean)
			Rep 1	Rep 1	Rep 1	
			Rep 2	Rep 2	Rep 2	
			Rep 1	Rep 1	Rep 1	
			Rep 2	Rep 2	Rep 2	
			Rep 1	Rep 1	Rep 1	
			Rep 2	Rep 2	Rep 2	
			Rep 1	Rep 1	Rep 1	
			Rep 2	Rep 2	Rep 2	

[1] Expressed as parent equivalents.
[2] Total = Parent + Metabolite X [which corresponds to the residue definition for enforcement purposes].
[3] Do not include this column if the residue definition for enforcement purposes has not been determined.
[Note: When the residue definition (RD) is different for tolerance/enforcement and risk assessment, the residues corresponding to the RD for risk assessment are reported in the dietary exposure assessment (risk assessment) template only.]
[DO NOT include the following table if the RDs are not determined at the time of the primary review. This table will be included only in the overview document (Level D Review) if the RDs are not determined. The statistics are compiled only for the RDs, not for each individual analyte.]

Table B.7.8.1-10. Summary of Residue Data From [Ruminant/Poultry] Feeding Study with [Active Ingredient].

Matrix	Feeding Level (ppm)	[Specify which residues, e.g. Combined Residues of A and B] Residues[1] (ppm)						Maximum Tissue Residue: Feeding Level Ratio[2]
		n	Min.	Max.	Median	Mean	Std. Dev.	

[1] Expressed as parent equivalents.
[2] Referred to as the transfer coefficient (TC) or transfer factor (Tf); to be used in the calculation of residues anticipated at the dietary burden.

FIGURE B.7.8.1-1. [Active Ingredient] Residues in [Whole Milk/Eggs] as a Function of Time. Residues are Maximum Values for Each Treatment Group.
[Provide Figure 7.8.1-1 if doing so will facilitate the description and interpretation of the residue profile across time.]

FIGURE B.7.8.1-2. Linear Regression of Maximum Residues on Feeding Level.
[Provide Figure B.7.8.1-2 if doing so will facilitate the description and interpretation of the residue profile across feeding level.]

Depuration Period

Table B.7.8.1-11. Summary of Residues of [Active ingredient] in [Whole Milk/Eggs] and Tissues of a [Species] From the Depuration Study.

Matrix	Study Day	Animal #	Residues (ppm)

FIGURE B.7.8.1-3. Depuration Curve for Residues of [Active ingredient] in [Whole Milk/Eggs].

[Provide Figure B.7.8.1-3 if doing so will facilitate the description and interpretation of the residue profile across depuration time.]

Feeding [active ingredient] at levels of at least [xx] ppm in the feed resulted in quantifiable residues of [analytes] in [matrices]. Analysis of [milk/eggs] indicates that residues reached a plateau by the [xx]th day of treatment. Ratios of residues in tissue to that in feed [were/were not] relatively consistent across feeding levels. [Discuss linearity of tissue:feed ratios as appropriate for the data]. Residues accumulated to the highest level in [matrix]. [Discuss similarity/difference in residue levels across the matrices.] Following removal of the test substance from the diet, residue levels in the tissue [remained relatively constant/decreased rapidly/decreased slowly] in [matrices].

D. CONCLUSIONS

The [livestock] feeding study is considered scientifically [acceptable or unacceptable]. The results of the study show that [describe the feeding level-residue relationship for the various matrices]. Depuration data indicate that the level of [active ingredient] residues in [matrices] [describe behavior] after [active ingredient] is removed from the diet. Adequate storage stability and method performance data are available to support the results of the feeding study.

***IN VITRO* BACTERIAL GENE MUTATION *(Bacterial system, Salmonella typhimurium; E. coli)*/ mammalian activation gene mutation assay**

(Mutagenicity: AMES Test, 2 In Vitro, 1 In Vivo]

A. Executive Summary:

In a reverse gene mutation assay in bacteria (MRID *[number]*), strains *[specify]* of *S. typhimurium [or other acceptable bacterial strains, i.e., E. coli wp2 (pKM101) and WP2uvrA(pKM101)]* were exposed to *[Chemical name, (% a.i., batch/lot #), include solvent if appropriate]* at concentrations of in the presence and absence of mammalian metabolic activation *[specify] in the plate incorporation or pre-incubation procedure [specify].*

(Chemical name) was tested *[up to cytotoxic (or insoluble) concentrations or limit concentration (5000 g/plate or 5 L/plate), include other details as appropriate]. (quantitate if positive for number of revertants e.g., a dose related increase to 782 revertants at the highest concentration vs. 110 revertants in control for strain TA 100).* The positive controls induced *(did not induce)* the appropriate responses in the corresponding strains.

There was *(no) evidence (or a concentration related positive response)* of induced mutant colonies over background.

B. MATERIALS AND METHODS

1. Control Materials:	
Negative:	*[e.g., culture medium]*
Solvent (final conc=n):	
Positive:	Nonactivation: Sodium azide _____ g/plate TA100, TA1535 2-Nitrofluorene _____ g/plate TA98, TA1538 9-Aminoacridine ____ g/plate TA97, TA1537 Other (list):
	Activation: 2-Aminoanthracene (2-anthramine) _____ g/plate usually all strains Other (list):

2. Activation: S9 derived from *[mark those that apply with x]*			
induced	Aroclor 1254	Rat	Liver
non-induced	Phenobarbitol	Mouse	Lung
	None	Hamster	Other *[name]*
	Other *[name]*	Other *[name]*	

Describe S9 mix composition *[if purchased, give details]*:

3. Test organisms: *S. typhimurium* strains *[mark those that apply with x]*				
TA97	TA98	TA100	TA102	TA104
TA1535	TA1537	TA1538	list any others	
Properly maintained?			Yes	No
Checked for appropriate genetic markers (*rfa* mutation, R factor)?			Yes	No

4. Test compound concentrations used: *[preliminary cytotoxicity test, if performed and main assay]*

Nonactivated conditions:

Activated conditions:

[Note: list strains used and number of replicates per dose, per strain, per condition along with doses]

C. RESULTS & DISCUSSIONS (OBSERVATIONS) *[Report results of analytical determination if performed]*

A. PRELIMINARY CYTOTOXICITY ASSAY: *[include concentration ranges, activation and nonactivation; strain(s) used; reported results, e.g., cytotoxicity indices (effect on background lawn; reduction in revertant) and solubility]*

B. MUTAGENICITY ASSAY: *[reported results, e.g., induction of revertant - individual plate counts and/or summary given; appropriateness of positive and background (concurrent and/or historical) revertant levels; number of concentration levels used; number of replicate plates; include representative table(s), if appropriate]*

D. CONCLUSION:

IN VITRO MAMMALIAN CYTOGENETICS ASSAY

A. Executive Summary:

In a mammalian cell cytogenetics assay *[Chromosome aberration or SCE]*(MRID *[number]*), *[cell type, e.g., CHO/V79/L5178Y cell cultures/primary lymphocyte cultures]* were exposed to *[Chemical name, (% a.i., batch/lot #), include solvent if appropriate]* at concentrations of 0, x, x, x □g/mL with and/or without metabolic activation *[specify]* for *[give duration of exposure]*.

Chemical name was tested *(up to cytotoxic or precipitating concentrations, or limit concentration, 5000 □g/mL). [include other details as appropriate, quantitate if positive (e.g. a dose related increase to 80% cells with aberrations at the top concentration, or large increase in deletions, rearrangements, etc. vs controls]*. Positive controls induced (did *not* induce) the appropriate response.

There was *(no) evidence (or a concentration related positive response)* of *[Chromosome aberration or SCE]* induced over background.

B. MATERIALS AND METHODS

1. Control Materials:		
	Negative control:	*[e.g., culture medium]*
	Solvent control (final conc=n):	
	Positive control:	Nonactivation: (concentrations / solvent)
		Activation: (concentrations / solvent)

2. Activation: S9 derived from *[mark those with x that apply]*								
		induced		Aroclor 1254		Rat		Liver
		non-induced		Phenobarbitol		Mouse		Lung
				None		Hamster		Other (name)
				Other (name)		Other (name)		

Describe S9 mix composition: *[if purchased, give details]*

3. Test cells: mammalian cells in culture *[identify cell line or primary cell culture (if human lymphocytes, describe subjects, e.g., donor's health, status, sex, smoker]*				
	V79 cells (Chinese hamster lung fibroblasts)			
	Human lymphocytes			
	Chinese hamster ovary (CHO) cells			
Media: (identify)				
Properly maintained?		Yes		No
Periodically checked for *Mycoplasma* contamination?		Yes		No
Periodically checked for karyotype stability?		Yes		No

4. Test compound concentrations used: *[For preliminary cytotoxicity test, if performed, and main assay]*		
	Nonactivated conditions:	
	Activated conditions:	

5. TEST PERFORMANCE

1. Preliminary Cytotoxicity Assay *[if performed, describe method; i.e., cell cycle kinetics, mitotic index, trypan blue, monolayer confluency, cloning efficience]:*

2. Cytogenetic Assay:

a.	**Cell exposure time:**	Test Material	Solvent Control	Positive Control
	Non-activated: Activated:	h h	h h	h h

b.	**Spindle inhibition**	
	Inhibition used/concentration:	
	Administration time:	x hours (before cell harvest)

c.	**Cell harvest time after termination of treatment:**	Test Material	Solvent Control	Positive Control
	Non-activated: Activated:	h h	h h	h h

d. Details of slide preparation: *[Describe briefly]*

e. Metaphase analysis

No. of cells examined per dose:				
Scored for structural?		Yes		No
Scored for numerical?		Yes If Y, list *[e.g., polyploid, endoreduplicated cells, etc.]*		No
Coded prior to analysis?		Yes		No

f. Statistical analysis: *[list parameters that were analyzed and the statistical methods]*

C. RESULTS & DISCUSSIONS (OBSERVATIONS) [*Report results of analytical determination if performed]*

1. PRELIMINARY CYTOTOXICITY ASSAY: *[reported results, e.g., include dose range, solubility, and evidence of cytotoxicity, rationale for exposure, harvest times and high dose with and without activation]*

2. *CYTOGENETIC or SCE* ASSAY:

[Reported results, e.g., include appropriateness of negative, solvent and positive control frequencies; appropriateness of dose levels; statistical evaluation; types of structural aberrations for significant dose levels; include representative table, if appropriate]

C. CONCLUSION

IN VITRO* MAMMALIAN CELLS GENE MUTATION ASSAY *(name cell type used)

Executive Summary:

In a mammalian cell gene mutation assay *[specify locus]* (MRID *[number]*), *[cell type]* cells cultured *in vitro* were exposed to *[Chemical name, (% a.i., batch/lot #), include solvent if appropriate]* at concentrations of x, x, x, x g/mL in the presence and absence of mammalian metabolic activation *[specify]* for *[give duration of exposure]*.

Chemical name was tested *[up to cytotoxic/insoluble/limit concentrations (i.e., 5000 g/mL, 5 L/mL, or 0.01 M), include other details as appropriate. Some quantitation here e.g., induced mutation frequency of $582x10^{-6}$ vs. $78x10^{-6}$ in controls at the top concentration]*. The positive controls *(did/did not)* induce the appropriate response. **There was *(no) evidence (or a concentration related positive response)* of induced mutant colonies over background.**

A. MATERIALS AND METHODS

1. Control Materials:		
	Negative control:	*[e.g., culture medium]*
	Solvent control (final conc=n):	
	Positive control:	Nonactivation:(concentrations / solvent)
		Activation: (concentrations / solvent)

2. Activation: S9 derived from *[mark those with x that apply]*							
	induced		Aroclor 1254		Rat		Liver
	non-induced		Phenobarbitol		Mouse		Lung
			None		Hamster		Other *[name]*
			Other *[name]*		Other *[name]*		

Describe S9 mix composition: *[if purchased, give details]*

3. Test cells: mammalian cells in culture *[mark those with x that apply]*			
	mouse lymphoma L5178Y cells		V79 cells (Chinese hamster lung fibroblasts)
	Chinese hamster ovary (CHO) cells		list any others
Media: *[Identify]*			
Properly maintained?		Yes	No
Periodically checked for Mycoplasma contamination?		Yes	No
Periodically checked for karyotype stability?		Yes	No

Periodically "cleansed" against high spontaneous background?		Yes		No	

	4.**Locus Examined:**		**Thymidine kinase (TK)**		**Hypoxanthine-guanine-phosphoribosyl transferase (HGPRT)**		**Na^+/K^+ ATPase**
	Selection agent:		bromodeoxyuridine (BrdU) *[give conc=n]*		8-azaguanine (8-AG) *[conc=n]*		ouabain*[conc=n]*
			fluorodeoxyuridine (FdU)		6-thioguanine (6-TG)		
			trifluorothymidine (TFT)				
	[Other? (details)]						

5. Test compound concentrations used: *[For preliminary cytotoxicity test, if performed, and main assay]*		
	Nonactivated conditions:	
	Activated conditions:	

6. Test performance

1. Cell treatment:

a. Cells were exposed to test compound, negative/solvent or positive controls for ____ hours (nonactivated) ___ hours (activated).

b. After washing, cells were cultured for ___ days (expression period) before cell selection.

c. After expression, ___ cells/dish (_ dishes/ group) were cultured for __ days in selection medium to determine numbers of mutants and ___ cells/dish (__ dishes/group) were cultured for ___ days without selective agent to determine cloning efficiency.

[If mouse lymphoma cells, include information regarding colony sizing]

7. Statistical Methods: *[list parameters that were analysed and the statistical methods used]*

C. RESULTS & DISCUSSIONS (OBSERVATIONS) *[Report results of analytical determination if performed]*

A. PRELIMINARY CYTOTOXICITY ASSAY

[include concentration ranges, activation and nonactivation; reported results, e.g., cytotoxicity and solubility, rationale for dose selection for main study]

B. MUTAGENICITY ASSAY *[reported results, e.g., induction of mutant colonies - individual colony counts and/or summary given; mutant frequencies per 10^6 survivors; positive and background mutant frequencies; inclusion of concentration levels used; number of cultures per concentration; levels of cytotoxicity obtained; appropriateness of cloning efficiencies; include representative table, if appropriate].*

D. CONCLUSION

IN VIVO MAMMALIAN BONE MARROW ERYTHROCYTES MICRONUCLEUS ASSAY

A. Executive Summary:

In a *(strain)* mouse *[or rats or other acceptable mammalian species]* bone marrow micronucleus assay (MRID *[number]*), *(number/sex/dose)* were treated *[route]* with *Chemical name (% a.i., batch/lot #)* at doses of 0, x, x, or x mg/kg bw. Bone marrow cells were harvested at *(list hours)* post-treatment. The vehicle was *(state vehicle)*. *(Note the route of exposure and if acute or multiple dosing)*

There were *(no)* signs of toxicity *(list if present)* during the study. *[Note, the signs of cytotoxicity, if present, and the quantitative evidence for a positive micronucleus response, if any]*. Chemical name was *(not)* tested at an adequate dose *(based on)*. The positive control induced the appropriate response.

B. MATERIALS AND METHODS

a. Test compound:										
	Dosing:		once		twice (24 hrs apart)			Other *(describe)*		
	Sampling (after last dose):*[mark all that are appropriate]*,		6 hr		12 hr		24 hr	48 hr		72 hr
	Other *[describe]*:									

b. Negative and/or vehicle control:										
	Dosing:		once		twice (24 hrs apart)			Other *(describe)*		
	Sampling (after last dose):*[mark all that are appropriate]*,		6 hr		12 hr		24 hr	48 hr		72 hr
	Other *[describe]*:									

c. Positive control:	

	Dosing:		once		twice (24 hrs apart)				Other *(describe)*			
	Sampling (after last dose):*[mark all that are appropriate]*,		6 hr		12 hr		24 hr		48 hr		72 hr	
	Other *[describe]*:											

d. Tissues and Cells Examined:		
	Bone marrow OR other (identify):	
	No. of polychromatic erythrocytes (PCE) examined per animal:	
	No. of normochromatic erythrocytes (NCE; more mature RBCs) examined per animal:	
	Other (if other cell types examined, describe):	

e. Details of slide preparation: *[Describe briefly; were slides coded?]*

f. Evaluation Criteria: *[Describe]*

g. **Statistical methods:** *[list parameters that were analyzed and the statistical methods]*

C. RESULTS & DISCUSSIONS (OBSERVATIONS) *[Report results of analytical determination if performed]*

1. PRELIMINARY TOXICITY ASSAY: *[reported results, e.g., include dose range; signs of toxicity - e.g., MTD considerations; clinical signs; number of animals, rationale for dose selection for micronucleus assay]*

2. MICRONUCLEUS ASSAY: *[reported results, e.g., include in life animal observations, induction of micronuclei; appropriateness of negative, solvent and positive control micronucleus frequencies; ratio of PCE/NCE; sex differences (if any); appropriateness of dose levels and route; statistical evaluation; include representative table, if appropriate]*

D. DISCUSSION AND CONCLUSIONS:

UNSCHEDULED DNA SYNTHESIS IN MAMMALIAN LIVER CELL CULTURES;

A. Executive Summary:

In an unscheduled DNA synthesis, primary rat hepatocyte cultures were exposed to *[Chemical name, (% a.i., batch/lot #), include solvent if appropriate]* at concentrations of 0, x, x, or x □g/mL for *(duration of exposure)*.

Chemical name was tested *[up to cytotoxic or precipitating concentrations, or limit concentration, 5000 □g/mL. (Include other details as appropriate, quantitation if positive e.g. there was a significant increase in number of cells in repair (60% at top concentration vs 1% in controls))]*.

The positive controls induced *(did not induce)* the appropriate response.

There was *(no)* evidence *(or a dose related positive response)* that unscheduled DNA synthesis, as determined by radioactive tracer procedures [nuclear silver grain counts] was induced.

B. MATERIALS AND METHODS

1. Cell Preparation:

a. Perfusion Technique:

b. Hepatocyte Harvest/Culture Preparation:

2. TEST PERFORMANCE *[(NOTE: If cells other than hepatocytes are tested, information regarding the S9 activated phase of testing must be included)]*

1. Cytotoxicity Assay: *[if conducted, briefly describe procedure]*

2. UDS Assay:

a. Treatment:

b. Preparation of Autoradiographs/Grain Development:

c. Grain Counting: *[include number of cells scored per dose, derivation of net nuclear grains, whether % cells in repair were scored]*

e. Statistical Analysis: *[list parameters that were analyzed and the statistical methods]*

C. RESULTS AND DISCUSSIONS (OBSERVATIONS): *[Report results of analytical determination if performed]*

1. PRELIMINARY CYTOTOXICITY ASSAY: *[include concentration ranges; reported results, e.g., cytotoxicity and solubility, rationale for dose selection for main study]*

2. UDS assay: *[reported results, e.g., net nuclear grain counts and/or summary; appropriateness of positive controls and background levels (concurrent and/or historical); number of concentration levels evaluated; number of replicates -- 100 cells/group (50 cells/slide); include representative table, if appropriate]*

D. CONCLUSIONS:

IMMUNOTOXICITY STUDY

A. Executive Summary:

In an Immunotoxicity study test substance was administered to *[(# of animals) species, strain]*/sex/dose in *[diet, water, by capsule, by gavage]* at dose levels of 0, x, x, x ppm (0, x, x, x mg/kg bw/day). *[Briefly describe protocol, including parameters examined and test groups used for each parameter].*

[Describe toxicity briefly following instructions for exec summary paragraph 2. If there is no toxicity, state that there were no compound related effects in mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, gross pathology, histopathology, or Immunotoxicity. (Note if there was a NOAEL for clinical findings (for acute reference dose consideration during subsequent risk assessment.)].

The LOAEL for Immunotoxicity is , based on the NOAEL for Immunotoxicity is

B. STUDY DESIGN:

1. Animal assignment: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1. *[Note whether animals were further subdivided into separate groups, and if applicable, indicate treatment for each of those groups.]*

TABLE 1: Study design *[change heading and units as appropriate for method of administration]*

Test Group	Conc. in Diet *(units)*	Dose to Animal *(units)*	# Male	# Female
Control				
Low				
Mid				
High				
Positive control				

2. Statistics - *[list parameters that were analyzed and the statistical methods used]*

C. RESULTS & DISCUSSIONS (OBSERVATIONS):

1. Observations:

1. Clinical signs of toxicity –

2. Mortality -

2. Body weight:

3. Food/water consumption and compound intake:

1. Food consumption -

2. Water consumption -

3. Compound consumption *[time-weighted average] [include compound intake in table 1]* -

4. Food efficiency *[if relevant]* - *[relate to any changes in bodyweight]*

4. Gross Necropsy

1. Organ weight - *[absolute and relative thymus and spleen weights, as appropriate, relate to any histological changes, if available]*

2. Histology - *[not a guideline requiremen*

5. Immunotoxicity:

a. Antibody plaque-forming cell (PFC) assay:

Immunotoxicity findings for the antibody plaque-forming cell assay are summarized in Table #. *[Was there suppression of the humoral immune response? Was spleen cell number/viability affected by exposure? Was antibody-forming cell response affected - expressed as specific activity (AFC/10^6 spleen cells) or total activity (AFC/spleen)?] e.g., the data suggest that under the conditions of this study, XXXX [compound name] did/did not suppress the humoral immune response in a dose-dependent manner in that it did/did not significantly alter the IgM antibody-forming cell response to the T-dependent antigen, sheep erythrocytes.*

[Briefly summarize positive control results. e.g., was sensitivity of the assay adequately demonstrated? Was there a decrease in spleen cell number and suppression of the antibody-forming cell response as indicated by specific activity (AFC/10^6 spleen cells) and total activity (AFC/spleen)?]

TABLE #: Antibody plaque-forming cell (PFC) assay [a] *[change heading and units as appropriate]*

Test Group (n = #)	Spleen Cells (x 10^7)	Specific Activity (IgM AFC/10^6 spleen cells)	Total Spleen Activity (IgM AFC/spleen (x 10^3))
Male			
Control			
Low			
Mid			
High			
Positive Control *(name e.g. Cyclophosphamide)*			
Female			
Control			
Low			
Mid			
High			
Positive Control *(name e.g. Cyclophosphamide)*			

[a] Data obtained from pages ( ) in the study report.

* Statistically different ($p < 0.05$) from the control.

** Statistically different ($p < 0.01$) from the control.

OR

b. Enzyme-Linked Immunosorbent Assay (ELISA):

c. NK cell Assay: ***[Optional assay according to EPA guideline]***

Immunotoxicity findings for the NK cell assay are summarized in Table #.

[Were significant effects observed on natural killer cell activity - when evaluated using lytic units, when evaluated as specific activity (lytic activity/10^7 spleen cells) or as total spleen activity (lytic units/spleen)?]

[Briefly summarize positive control results. e.g., was sensitivity of the assay adequately demonstrated?]

TABLE #: Natural Killer Cell Assay [a] *[change heading and units as appropriate]*

Test Group (n = #)	**Effector: Target Ratio** [b] **e.g.,**						**LU/10^7 cells** [c] **(Specific activity)**	**LU/spleen** [c] **(Total activity)**
	6.25: 1	*12.5: 1*	*25: 1*	*50: 1*	*100: 1*	*200: 1*		
Male								
Control								
Low								
Mid								
High								
Positive Control *(name)*								
Female								
Control								
Low								
Mid								
High								
Positive Control *(name)*								

[a] Data obtained from pages ( ) in the study report

[b] Values are expressed as percent cytotoxicity

[c] Values expressed as lytic unit (LU) where LU is defined as the number of splenocytes required to kill 10% of the target cells

Effector cells: NK cells. Target cells: YAC-1 lymphoma cells

* Statistically different ($p < 0.05$) from the control.

** Statistically different ($p < 0.01$) from the control.

d. Enumeration total B cells, total T cells and T cell subpopulations:

Immunotoxicity findings for the spleen cell proliferation assay are summarized in Table #.

[Were significant effects observed on B cell (CD45+), total T cell (CD5+), T helper cell (CD4+) or T suppressor/cytotoxic cell (CD8+) numbers? In spleen cell numbers?]

[Briefly summarize positive control results. E.g. was sensitivity of the assay adequately demonstrated?]

TABLE #: Spleen Cells, T Cell, T Cell Subset and B Cell Enumeration (absolute values)[a] *[change heading and units as appropriate]*

Test Group (n = #)	Spleen cells ($x10^7$)	T Cell [b]	T Cell Subsets[b]		T Cell Suppressor Cells [b]	B Cell [b]
			e.g. Cytotoxic T Cells	*T Cell Suppressor Cells*		
Male						
Control						
Low						
Mid						
High						
Positive Control *(name)*						
Female						
Control						
Low						
Mid						
High						
Positive Control *(name)*						

[a] Data obtained from pages ( ) in the study report.
[b] Values expressed as the absolute number per spleen x 10^6.
* Statistically different ($p < 0.05$) from the control.
** Statistically different ($p < 0.01$) from the control.

e. Other: *[describe findings, include tables if needed]*

D. CONCLUSION:

Acute Avian Toxicity {Chicken, Pigeon, Quail, Duck etc}

A. Executive Summary:

The acute oral toxicity of {test material} to X-d-old {common name and scientific name} was assessed over ....days. {Test material} was administered to the birds {enter the number of birds per treatment} by {method} at [Indicate doses used} mg ai/kg bw. The ...day-acute oral LD_{50} was ....mg a.i/kg bw. The ...day NOAEL of {test material} to the {species}, based on {endpoint} was ....mg a.i/kg bw. Describe toxicity briefly including mortality, behavioral abnormalities, and other signs of toxicity. If there was no toxicity, state that there was no compound related toxicity effect.

Results Synopsis

LD_{50}: {.....mg a..i./kg bw} 95% C.I.: {.... to ... mg a.i./kg bw} Probit Slope: {.....}

NOAEL:{.....mg a.i./kg bw}

Endpoint(s) Affected: {.....}

B. MATERIALS AND METHODS

1. Test Organism:

Species (common and scientific names): EPA recommends using either northern bobwhite [*Colinus virginianus*] or mallard [*Anas platrhynchos*]. Species that can be used in addition to northern bobwhite or mallard but are not preferred as an alternative include: pigeon [*Columba livia*], Japanese quail [*Coturnix coturnix japonica*], ring-necked pheasant [*Phasianus colchicus*], and red-legged partridge [*Alectoris rufa*], may be tested. If species other than the northern bobwhite or mallard are used,it is important that they are responsive to the conditions of the test and do not avoid exposure to the test material through fasting.

Age at study initiation: young adults of both sexes, not yet mated, and at least 16 weeks old at time of dosing.

Weight at study initiation: (mean and range): Birds are typically uniform in size and weight and phenotypically indistinguishable from *wild birds*

Source:

2. STUDY DESIGN:

1. Experimental Conditions

a) Range-finding study: If a range-finding study was conducted, briefly outline the test concentrations and other relevant conditions. Indicate the results from the preliminary study that were used to determine the conditions for the definitive study.

b) Definitive Study

Table X. Experimental Parameters

Parameter	Details	Remarks
Conditions (same as test or not): Feeding: Health (any mortality observed):		
Pen size and construction materials		

Parameter	Details	Remarks
Test duration		
Dose preparation (Indicate method of confirmation of dose)		
Dose levels Nominal: Measured:		
Solvent/vehicle, if used Type: Amount/bw:		
Number of birds per groups/treatment Negative control: Solvent/vehicle control: Treated:		
Test conditions Temperature: Relative humidity: Photoperiod:		
Reference chemical, if used Name: Concentrations tested:		

2. Observations:

Table X: Observations

Criteria	Details	Remarks
Parameters measured (mortality/individual body weight at test initiation and termination/ mean feed consumption/ others)		

Indicate if the test material was regurgitated		
Groups on which necropsies were performed		
Observation intervals		
Were raw data included?		

Statistics:
List the parameters

that were analyzed and the statistical tests that were performed. A copy of the statistical methods from the study may be attached.

C. RESULTS AND DISCUSSIONS (OBSERVATIONS):

1. MORTALITY:

Briefly summarize mortality; indicate if there was a dose-response effect; slope values, if provided. Compare with reference chemical toxicity test endpoints.

Table X: Effect of {Test Material} on Mortality of {Test Organism}

2. SUBLETHAL TOXICITY ENDPOINTS:

Briefly summarize behavioral abnormalities; other signs of toxicity (body weight loss, food consumption, organ effects, etc.). Indicate effects that were related to the chemical properties of the test material. Compare the sub-lethal effects with that of the reference chemical.

Table X: Sub-lethal Effect of {Test Material} on {Test Organism},

Treatment (mg a.i./kg bw)	**Observation**						
	body weight			**food consumption**			**other endpoint**
	day 0	**day x1**	**day x2**	**day 0**	**day x1**	**day x2**	**% affected**
Negative control							
Test dose 1							
Test dose 2							
Test dose 3							
Test dose n							
NOAEL							
EC_{50}							
effect							

Reference chemical	NOAEL	
	LD_{50}	

D. CONCLUSIONS:

Indicate the acceptability classification. Provide the major conclusions, e.g., values for LD_{50} (95% confidence interval), probit slope (95% confidence interval), NOAEL, and sub-lethal effects.

REPEATED DOSE AVIAN TOXICITY

A. Executive Summary:

The acute dietary toxicity of {test material} to X-d-old {common name and scientific name} was assessed over X days. {Test material} was administered to the birds {enter the number of birds per treatment} in the diet at {indicate concentrations} mg a.i/kg dw of diet. The.... day acute dietary LC_{50} was..... mg a.i/kg diet. The ....day NOAEC of {test material} based on {endpoint} was.....mg a.i/kg diet.

Briefly describe toxicity including mortality, behavioral abnormalities, and other signs. Describe any avoidance of treated diet and its relation to the test material. If there was no toxicity, state that there were no compound-related effects.

Results Synopsis

Test Organism Size/Age (mean weight):

LC_{50}: {.....mg a.i./kg diet} 95% C.I.: {.....to ..... mg a.i./kg diet}

Probit slope: {.....}

NOAEC: {..... mg a.i./kg diet} Endpoint(s) Affected { .....}

Sub-lethal effects:

B. MATERIALS AND METHODS

1. **Test organism**:

Species (common and scientific names):

EPA/OECD recommends using either northern bobwhite [*Colinus virinianus*] or mallard [*Anas pltyrhynchos*]. Other species which can be used in addition to northern bobwhite or mallard but preferably not as an alternative include: pigeon [*Columba livia*], Japanese quail [*Coturnix coturnix japonica*], ring-necked pheasant [*Phasianus colchicus*], and red-legged partridge [*Alectoris rufa*] may be tested. If species other than the northern bobwhite or mallard are used, it is important that they are responsive to the conditions of the test and do not avoid exposure to the test material through fasting.

Age at study initiation:

EPA recommends 10-14 days old for northern bobwhite and 5 days old for mallards; OECD recommends 10-17 days old

Weight at study initiation: (mean and range)

Source:

2. **STUDY DESIGN:**

1. Experimental Conditions

a. Range-finding Study: If a range-finding study was conducted, briefly outline the test concentrations and

other relevant conditions. Indicate the results from the preliminary study that were used to determine the conditions for the definitive study.

b. Definitive Study

Table X . Experimental Parameters

Table X. Experimental Parameters

Parameter	Details	Remarks
Conditions (same as test or not): Feeding: Health (any mortality observed):		
Pen size and construction materials		
Test duration		
Dose preparation (Indicate method of confirmation of dose)		
Dose levels Nominal: Measured:		
Solvent/vehicle, if used Type: Amount/bw:		
Number of birds per groups/treatment Negative control: Solvent/vehicle control: Treated:		
Test conditions Temperature: Relative humidity: Photoperiod:		
Reference chemical, if used Name: Concentrations tested:		

2. Observations:

Table X: Observations

Parameters	Details	Remarks
Parameters measured (mortality/body weight/ mean feed consumption/ others)		
Indicate the stability and homogeneity of test chemical in the diet		
Indicate if the test material was regurgitated		
Treatments on which necropsies were performed		
Observation intervals		
Were raw data included?		

3. Statistics:

List the parameters that were analyzed and the statistical tests that were performed. A copy of the statistical methods from the study may be attached.

C. RESULTS AND DISCUSSIONS (OBSERVATIONS):

1. MORTALITY: Briefly summarize mortality; indicate if there was a dose-response effect; report the slope values, if provided. Provide measured concentration of test material, if determined. Compare with reference chemical toxicity test endpoints.

Table X: Effect of {Test Material} on Mortality of {Test Organism}

Treatment (mg a.i./ kg diet) [indicate if measured or nominal conc. were used]		**No. of birds per treatment**	**Cumulative mortality**				
			day 1	**day 2**	**day 3**	**day 4**	**day n**
Solvent/vehicle control							
Test concentration 1							
Test concentration 2							
Test concentration 3							
Test concentration n							
NOAEC							
LC_{50}							
Reference chemical	mortality						
	LC_{50}						
	NOAEC						

2. SUB-LETHAL TOXICITY ENDPOINTS:

Briefly summarize behavioral abnormalities and other signs of toxicity (body weight loss, decreased food consumption, organ effects, and other relevant findings). Indicate effects that were related to the chemical properties of the test material. Indicate if there was food avoidance and its relation to test material. Compare the sub-lethal effects with that of the reference chemical. If there was no toxicity, state there were no compound-related effects.

Table X: Sub-lethal Effect of {Test Material} on {Test Organism, If Reported

Treatment (mg a.i./kg diet [record measured and nominal conc. used]	**Observation**						
	Body weight		**Food consumption**		**Other endpoint**		
	day 0	**day x1**	**day xn**	**day 0**	**day x1**	**day xn**	**% affected**
Negative control							
Test dose 1							
Test dose 2							
Test dose 3							
Test dose n							
NOAEC							

Treatment (mg a.i./kg diet [record measured and nominal conc. used]		Observation						
		Body weight		Food consumption		Other endpoint		
		day 0	day x1	day xn	day 0	day x1	day xn	% affected
EC_{50}								
Reference chemical	NOAEC							
	EC_{50}							

D. CONCLUSIONS: Indicate the acceptability classification of the study. Provide the major conclusions, *e.g.*, values for

LC_{50}: _____ mg a.i./kg diet 95% C.I.: _____-_____mg a.i./kg diet

NOAEC: mg a.i./kg diet

sublethal effects:

AVIAN REPRODUCTIVE TOXICITY

A. EXECUTIVE SUMMARY:

The (one-generation) reproductive toxicity of (test material) to groups of (indicate the number) pairs of .....-day-old (species) was assessed over ..... days. (Test material) was administered to the birds in the diet at (indicate test concentrations)..... mg ai/kg diet. The NOAEC of (test material) to the (species) was determined to be ..... mg ai/kg diet based on (the reproductive parameters) at the ..... mg ai/kg diet level (LOAEC) when compared to the control.

Describe toxicity to parental generation, including behavioral abnormalities and other signs of toxicity. Describe any avoidance of treated diet, differences in weight gain among treated groups as compared to the control group, and any other symptoms reported in the study.

Describe toxicity on reproductive parameters, including effects on egg production, hatching and growth of hatchlings.

Results

Test Organism Size/Age(mean weight):

NOAEC:{.....mg a.i./kg diet}

LOAEC:{.....mg a.i./kg diet} Endpoint(s) Affected:{.....}

B. MATERIALS AND METHODS

1. Test organism:

Parameter	Details	Remarks
Species (common and scientific names):		
Age at study initiation:		
Body weight: (mean and range)		
Source of test birds:		

2. STUDY DESIGN:

1. Experimental Conditions

a. Range-finding Study:

If a range-finding study was conducted, briefly outline the test concentrations and other relevant conditions. Indicate the results from the preliminary study that were used to determine the conditions for the definitive study.

b. Definitive Study

Table X . Experimental Parameters

Parameter	Details	Remarks
Acclimation Period: Conditions (same as test or not): Feeding: Health (any mortality observed):		
Test duration (weeks) Pre-laying exposure: Egg-laying exposure: Withdrawal period, if applicable:		
Pen (for parental and offspring) Size: Construction materials: Number:		
Number of birds per pen (male:female)		
Number of pens per group/treatment Negative control: Solvent control: Treated:		
Test concentrations (mg ai/kg diet) Nominal: Measured:		
Maximum field residue anticipated from maximum application rate on product label; state source of information for determining residue level		
Solvent/vehicle, if used Type: Amount:		
Was detailed description and nutrient analysis of the basal diet provided (Yes/No)		
Preparation of test diet		

Parameter	Details	Remarks
Indicate whether stability and homogeneity of test material in diet was determined (Yes/No)		
Were concentrations in diet verified by chemical analysis?		
Did chemical analysis confirm that diet was stable and homogeneous?		
Feeding and husbandry		
Test conditions (pre-laying) Temperature: Relative humidity: Photoperiod:		
Egg collection and storage Collection interval: Storage temperature: Storage humidity:		
Were eggs candled for cracks prior to setting for incubation?		
Were eggs set weekly?		
When was candling done for fertility?		
When were the eggs transferred to the hatcher?		
Hatching conditions Temperature: Humidity: Photoperiod:		
Day the hatched eggs were removed and counted		
Were egg shells washed and dried for at least 48 hrs before measuring?		

Parameter	Details	Remarks
Egg shell thickness No. of eggs used: Intervals: Mode of measurement:		
Reference chemical, if used		

Table X: Observations

Parameter	Details	Remarks
Parameters measured		
Parental: (mortality, body weight, mean feed consumption) Egg collection and subsequent development: (no. of eggs laid, no. of eggs cracked, shell thickness, no. of eggs set, no. of viable embryos, no. of live 3-week embryos, no. hatched, no. of 14-day survivors, average weight of 14-d old survivors, mortality, gross pathology, others)		
Indicate if the test material was regurgitated		
Observation intervals (for various parameters)		
Were raw data included?		

3. STATISTICS: List the parameters that were analyzed and the statistical tests that were performed. A copy of the statistical methods from the study may be attached.

C. RESULTS AND DISCUSSIONS

1. MORTALITY: Briefly summarize mortality; indicate if there was a dose-response effect; slope values, if provided. Compare with reference chemical mortality.

Table X: Effect of {Test Material} on Mortality of {Species}

Treatment (mg a.i./kg diet) [record measured and nominal conc. used]	Observation Period					
	Day x		Day x		Day x	
	No. Dead		No. Dead		No. Dead	
	Male	Female	Male	Female	Male	Female
Control						
Vehicle control						
Test concentration 1						
Test concentration 2						
Test concentration 3						
Test concentration n						

2. REPRODUCTIVE AND OTHER ENDPOINTS:

Describe the toxicity to parental generation, including the effect on food consumption and body weight and any observation of food repellency or food palatability. Describe briefly the various reproductive effects of the chemical, including the time of onset of symptoms, duration and severity of effects, and numbers affected, if applicable. Indicate the most sensitive reproductive endpoints, the results of gross necropsies, and compare with the reference chemical.

Table X. Reproductive and Other Parameters –

Results for each test group (use similar tables for reference chemical, if used); indicate the units of measurement

Parameter	Control	Test conc. 1	Test conc. 2	Test conc. 3	Test conc. n	NOAEC / LOAEC
No. eggs laid/pen						
No. eggs laid/hen/day						
% of eggs cracked						
No. eggs set						
Shell thickness (mm " SD)						
No. viable embryos						
No. live 3-week embryos						
No. of hatchling/hen						
No. of normal hatchlings						
Hatchling weight (g)						
No. 14-day old survivors						
14-day old survivors weight (g)						
Mean food consumption (g)						
Weight of adult females at test initiation: at onset of egg laying/other:						
Weight of adult males at test initiation: at onset of egg laying/other:						
Gross pathology						
Other, if any						

D. CONCLUSIONS:

NOAEC: {.....mg a.i./kg diet}

LOAEC: {.....mg a.i./kg diet}

Endpoint(s) Affected: {.....}

Effect on reproductive parameters and the most sensitive end point:

ACUTE TOXICITY TO FISH

A. EXECUTIVE SUMMARY:

In a 96-hr acute toxicity study, {common name and scientific name} were exposed to {test chemical} at {nominal and/or measured} concentrations of {control, solvent control, x_1, x_2, x_3.....x_n mg a.i/L} under static/static renewal/flow-through conditions. The 96-hr LC_{50} was .....mg a.i/L. The NOAEC based on mortality/sub-lethal effects, was .... mg a.i/L (optional). Sublethal effects {list effects} were observed in the groups exposed to {list corresponding concentration(s)} of {test material}. Based on the results of this study, {test material} would be classified as {toxicity classification} to {test species} in accordance with U.S. EPA's classification system.

MATERIALS AND METHODS

1. Test organism:

Species

Age at test initiation: {mean and range in days}

Weight at study initiation: {mean and range}

Length at study initiation: {mean and range}

Source:

STUDY DESIGN:

Experimental Conditions

a) Range-finding Study: If a range-finding study was conducted, briefly outline the test concentrations and other relevant conditions. Indicate the results from the preliminary study that were used to determine the conditions for the definitive study.

b) Definitive Study:

Table X. Experimental Parameters

Parameter	Details	Remarks
Acclimation Period: Conditions: (same as test or not) Feeding: Health: (any mortality observed)		
Duration of the test		
Test condition static/static renewal/flow-through Type of dilution system for flow-through method. Renewal rate for static renewal		
Aeration, if any		
Test vessel Material: (glass/stainless steel) Size: Fill volume: Loading:		

Parameter	Details	Remarks
Source of dilution water Quality:		
Water parameters Hardness (freshwater) pH Dissolved oxygen Total Organic Carbon Particulate matter Metals Pesticides Chlorine Alkalinity Conductivity COD (when testing cationic compounds) Temperature {Salinity for marine or estuarine species} Intervals of water quality measurement		
Test concentrations: Nominal (corrected/uncorrected): Measured:		
Solvent (type and concentration if used)		
Number of replicates/group Negative control: Positive control: treatments:		
Number of organisms / replicate/group: Negative control: Positive control: Treatments:		
Biomass loading rate		
Lighting		
Feeding		
Recovery of chemical Level of Quantitation Level of Detection Method recoveries % of nominal		

Parameter	Details	Remarks
Stability of chemical in the test system		
Variability of chemical in the test system		
Positive control {if used, indicate the chemical and concentrations}		
Other parameters, if any		

2. Observations:

Table X: Observations

Parameter	Details	Remarks
Parameters measured including the sub-lethal effects/toxicity symptoms		
Observation intervals		
Were raw data included?		
Other observations, if any		

Statistics:

List the parameters that were analyzed and the statistical tests that were performed. A copy of the statistical methods from the study may be attached.

C. RESULTS and DISCUSSIONS (OBSERVATIONS):

A. MORTALITY:

Briefly summarize mortality; indicate if there was a concentration-response effect; probit slope of concentration-response curve, if it can be calculated.

Table X: Effect of {Test Material} on Mortality of {Test Organism}.

Treatment (mg a.i./L) [record measured and nominal conc. used]	No. of fish at start of study	Observation period							
		24-hr		48-hr		72-hr		96-hr	
		No. Dead	% mortality	No. Dead	% mortality	No. Dead	% mortality	No. Dead	% mortality
Negative control (dilution water only)									
Positive control, if used (indicate carrier concentration)									
Test concentration 1									
Test concentration 2									
Test concentration 3									
Test concentration 4									
Test concentration 5									
Test concentration n									
NOAEC									

LC_{50}									
Probit slope, if applicable									

B. NON-LETHAL TOXICITY ENDPOINTS:

Briefly summarize behavioral abnormalities or other signs of toxicity. Indicate effects that were related to the chemical properties of the test material. Compare the sub-lethal effects with that of the reference chemical.

Table X: Sub-lethal Effect of {Test Material} on {Test Organism}.

Treatment (mg a.i./L) [record measured and nominal concentrations used]	**Observation period**											
	Endpoint 1 (% affected)				**Endpoint 2 (% affected)**				**Endpoint 3 (% affected)**			
	24 h	**48 h**	**72 h**	**96 h**	**24 h**	**48 h**	**72 h**	**96 h**	**24 h**	**48 h**	**72 h**	**96 h**
Negative control (dilution water only), if used												
Positive control, if used (indicate carrier concentration) % sub-lethal effect: EC_{50}												
Test concentration 1												
Test concentration 2												
Test concentration 3												
Test concentration n												
NOAEC												

D. CONCLUSIONS:

Provide the major conclusions, e.g., values for LC_{50} and NOAEC.

ACUTE HONEYBEES TOXICITY (Oral & Contact)

A. Executive Summary:

In a *[#]*-day *[oral or dietary]* toxicity and pathogenicity study, *[common name (scientific name)]* were exposed to a *[single OR #]* dose of *[dose amount]* of *[formulation, note its potency, biological activity or concentration per unit weight or volume]* (containing % *a.i. name*) by *[indicate exposure method]*. *[Include other pertinent details such as the controls used.*

The *[#]*-day LD50 was *[=, > or <] [insert LC50 in appropriate units]* (95% C.I. *-if applicable*). *[If the study included sublethal test endpoints and/or sublethal effects were observed and/or additional subchronic testing was triggered include the following text (otherwise-delete):* The EC50 based on sublethal effects, were *[insert EC50 in appropriate units.]* The NOEC value, based on mortality *[and sublethal effects]*, was *[=, > or <] [insert NOEC in appropriate units]*.

This study is classified as *[acceptable, unacceptable, and supplemental]*. This study was *[not]* conducted in accordance with the guideline recommendations for a *[oral or dietary]* toxicity and pathogenicity study for honey bees in the *[species]*.

B. MATERIALS AND METHODS:

1. Test Organism:

Species (common and scientific names): *[Indicate the species used.]*

Age at test initiation: *[Give the age of the test organisms.]*

Strain/Source: [Report the strain, supplier and/or source of the test organism.]

Date of collection: *[Insert the date of collection, if applicable.]*

2. STUDY DESIGN AND METHODS:

a. Experimental Methods and Conditions

Acclimation:

Duration:

Feeding:

Water:

Temperature:

Relative humidity:

b. Test chamber - description and size:

c. Route(s) of exposure:[Describe route of exposure and topical application apparatus, if applicable.]

d. Dose levels / test concentrations:

e. Preparation of dose or test concentration:

f. Confirmation of MPCA viability: [Describe methods used to confirm the concentration and/or viability of the MPCA in the dosing suspensions.]

g. Positive control / reference material: *[if used]* **[Insert a description of the reference material, with the number of arthropods treated and frequency of testing (if not concurrent).]**

h. Number of bees per chamber:

i. *Control(s): Treatment(s):*

j. Number of replicates (chambers) per treatment:

k. Recovery of MPCA from bees: *[if applicable]* **[Describe methods used to recover the MPCA from collected samples.]**

l. Feeding: [Describe the feeding regime used during the experiment.]

m. Test Conditions Temperature: Humidity: Lighting:

n. **Duration of the study:**

o. **Other methods or conditions, if any:**

C. RESULTS AND DISCUSSIONS (OBSERVATIONS):

1. Parameters measured including sub-lethal effects/toxicity symptoms:

[List the parameters measured during the experiment, e.g., mortality, survival, abnormal behaviour or appearance, fecundity, growth inhibition, concentration of the MPCA in the test suspensions. Provide references to data summary tables, if used.]

Observation/measurement intervals:

[List time points for each parameter measurement and observation.]

2. VIABILITY OF DOSING SUSPENSIONS: *[Summarize the dose verification data and indicate if the tested sample was still viable.]*

TABLE *[#].* Viability of *[test substance]* in the *[dosing suspension/diet]* administered to honey bees (*Apis mellifera*) in a *[contact, acute oral or dietary]* test.

Dose Group	**Nominal Concentration *[units]***	**Measured Concentration *[units]***
Solvent/vehicle control		
Inactivated control		
Sterile filtrate control		
Maximum hazard dose		
Negative control		

3. MORTALITY:

[[Briefly summarize mortality results (if any). If values for LD50, LC50, LT50, NOEL, NOEC are greater than the MHD level, use < symbol. Comment on dose response relationship; Slope of response, if provided. Compare the mortality with control treatment and/or the reference chemical. Data may be summarized in a table such as those presented below. Modify table to accommodate differences in experimental design.]

TABLE *[#]*. Effect of *[test material]* on cumulative mortality of honey bees (*Apis mellifera*) in a *[contact, acute oral or dietary]* test.

Treatments *[indicate if nominal or measured (measured should be used, if provided)]*		**No. of Bees**	**Observation Period**					
			Day x1		***Day x2***		***Day n***	
			No. Dead	**% Mortality**	**No. Dead**	**% Mortality**	**No. Dead**	**% Mortality**
Negative control								
Solvent control, if used								
test concentration 1								
test concentration 2								
test concentration3								
test concentration 4								
test concentration n								
LD50/LC50 *[insert [>] if greater than]*								
NOEL/NOEC *[insert [>] if greater than]*								
Reference chemical	*Mortality (% or No.)*							
	LD50: LC50:	*[insert [>] if greater than]*						
	NOEL NOEC	*[insert [>] if greater than]*						

[a Use superscript and footnote to indicate values that are statistically significantly different from control.]

4. SUB-LETHAL TOXICITY EFFECTS:

[Include if any sub-lethal effects are observed- Briefly summarize behavioural abnormalities or other signs of toxicity. Indicate effects that were related to the *test-material. Compare sub-lethal effects with control treatment and/or the reference chemical. Data may be summarized in a table such as those presented below. Modify tables to accommodate differences in experimental design. For acute oral and dietary, provide information about palatability of the treated diet, rate of consumption of diet in treated and untreated groups.]*

TABLE *[#].* Effect of *[test material]* on *[endpoint]* of honey bees (*Apis mellifera*) in a *[contact, acute oral or dietary]* test.

Treatments *[indicate if nominal or measured (measured should be used, if provided)]*		**Observation Period**					
		Day x1		***Day x2***		***Day n***	
		endpoint 1	**% Affected**	***endpoint 2***	**% Affected**	***endpoint n***	**% Affected**
Negative control							
Solvent control, if used							
test concentration 1							
test concentration 2							
test concentration3							
test concentration 4							
test concentration n							
ED50/EC50 or other sublethal endpoint *[insert [>] if greater than]*							
NOEL/NOEC *[insert [>] if greater than]*							
Reference chemical	*LC50/ LC50*	*[insert [>] if greater than]*					
	NOEL/ NOEC	*[insert [>] if greater than]*					

CONCLUSIONS

Values for LD50, LC50, LT50, EC50, NOEL, NOEC, Probit slope, Endpoint(s) Affected: etc. were [=, > or <] insert final dose concentration/level (in appropriate units).]

ACUTE TOXICITY TO EARTHWORMS

A. Executive Summary:

In a..... day acute toxicity study, earthworms {species} were exposed to {test chemical} at {0, x1, x2, x3,...x_n mg a.i./kg dry weight of soil/artificial substrate}. The reference chemical used was..... (name) at x mg a.i/kg d w of the soil/substrate. The ..... day LC_{50} was..... mg a.i/kg dw of soil/substrate. The..... day EC_{50} was ..... mg a.i/kg dw of soil/substrate. The..... day NOAEC, based on [indicate parameter used] was x mg a.i./kg d.w. of soil/substrate. The LOAEC, based on [indicate parameter used] was x mg a.i./kg d.w. of soil/substrate. The {a.i.} is considered to be {non-toxic/toxic} to earthworms up to/above a concentration of {X} mg a.i./kg d.w of soil/substrate.

Briefly describe the mortality and other toxic effects that were observed. If toxicity or abnormalities were not observed, state that there were no compound related toxicity effects.

Results Synopsis

Test Organism Size/Age (mean weight or length):

Test Type (Flow-through, Static, Static Renewal):

LC_{50}: {.....mg a..i./kg dw soil} 95% C.I.: {.... to ... mg a.i./kg dw soil}

NOAEL: {.....mg a.i./kg dw soil}

Probit Slope: {.....} 95% C.I.: {.... to ... }

EC_{50}: {.....mg a.i./kg dw soil} 95% C.I.: {.... to ... mg a.i./kg dw soil}

Endpoint(s) Affected: {.....}

B. MATERIALS AND METHODS

1. Test organism:

Species: {common and scientific names} :OECD recommend *Eisenia fetida andrei* (Bouche). The earthworms should weigh 300-600 mg at the beginning of the test.

Age at test initiation: (mean and range)

Weight at study initiation: (mean and range)

Source:

2. STUDY DESIGN:

1. Experimental Conditions

a. Range-finding Study: If a range-finding study was conducted, briefly outline the test concentrations and other relevant conditions. Indicate the results from the preliminary study that were used to determine the conditions for the definitive study.

b. Definitive Study

1. Soil: Indicate if an artificial or natural soil was used. If an artificial soil is used, provide the composition, pH and moisture content. If a natural soil was used, complete the following table.

Table X: Physicochemical Properties of Natural Soil

Property	**Value**	**Remarks**
For natural soil: Texture: % sand % silt % clay Textural classification: For artificial substrate (provide composition):		
pH (__:__ soil:water)		
Organic carbon (%)		
Moisture (%)		

Table X . Experimental Design

Parameter	Value	Remarks
Acclimation: Duration: Conditions (state if same as the test conditions): Health:		
Soil [fresh or stored]		
Test Container Material Size Amount of soil/substrate		
No. of replicates: Per treatment group: Per control:		
No. of earthworms per treatment		
Solvents used or not (if yes report the name and concentration)		
Rates of application: Nominal: Measured:		
Reference chemical (if used) name: Concentration:		

Parameter	Value	Remarks
Test conditions: Temperature Lighting conditions Moisture		
Duration of the study		

2. Observations:

Table X: Observations

Parameters	**Details**	**Remarks**
Observation intervals		
Parameters measured including the sublethal effects/toxicity symptoms		
Were raw data included?		
Other observations, if any		

3. Statistics: List the parameters that were analyzed and the statistical tests that were performed. A copy of the statistical methods from the study may be attached.

C. RESULTS AND DISCUSSIONS (OBSERVATIONS):

1. MORTALITY: Briefly summarize mortality; dose response relationship and slope of dose-response curve, if provided; compare with reference toxicity end points.

Table X: Effect of {Test Material} on Mortality of {Species}

Treatment (mg a.i./kg soil) [record measured and nominal conc. used]	Observation period					
	Day x		Day x		Day x	
	No Dead	% mortality	No Dead	% mortality	No Dead	% mortality
Control						
Test concentration 1						
Test concentration 2						
Test concentration 3						
Test concentration n						
NOAEC						
LOAEC						
LC_{50}						
Reference chemical (% mortality; LC_{50})						

2. SUB-LETHAL TOXICITY ENDPOINTS:

Briefly summarize signs of sub-lethal toxicity. Indicate any results related to the chemical properties of the test material.

Table X: Sub-lethal Effect of {Test Material} on {Species}. [Indicate if average weight used]

Treatment (mg a.i./kg soil) [indicate if measured or nominal conc. used]	Observation period					
	Day x		Day x		Day x	
	weight	% loss	weight	% loss	weight	% loss
Control						
Test concentration 1						
Test concentration 2						
Test concentration 3						
Test concentration n						
NOAEC						
LOAEC						
EC_{50}						
Reference chemical (% mortality; LC_{50})						

CONCLUSIONS:

Provide the major conclusions, e.g., values for EC_{50}, LC_{50}. NOAEC, and LOAEC.

TOXICOLOGY SCRTINY TEMPLATE

[9(3)TI-New Source)]

1. GENERAL INFORMATIONS:

1.	**Application Details (category etc.)**		
2.	**Test Substance/Chemical Details (Common Name, IUPAC Name, CAS N. Batch N.)**		
3.	**Assay Purity/Active ingredient Content %**		
4.	**Type of Pesticides (Insecticide/ Fungicide/ Herbicide etc.)**		
5.	**Decoding Certificates details**		
6.	**Product Schedule Inclusion Details**		
7.	**Source of Technical Material In case of TI-New source: information on registered source and its chemical composition. (Including RC decision or CR etc.)**		
8.	**In case of formulation, status of technical registration (including RC decision or CR)**		
9.	**Source of manufacturer and supplier**		

2. RTT PERMIT

RTT PERMIT DETAILS						
Permit Number	Name of The Insecticide/Chemical	Quantity Approved	Name of The Importer	Name of The Manufacturer	Source of Procurement	Purpose of Import

3. LABEL & LEAFLET

LABEL AND LEAFLET							
Chemical Composition	Precautions	Symptoms of Poisoning	Cautionary Statement	First Aid	Antidote	Toxicity Triangle	Pictogram Details

4. TEST SUBSTANCE & FORMULATION

1.	Physicochemical property		
2.	Adjuvants details		
3.	Compatibility		

1. STUDY DETAILS (Applicable for all studies)

S. No.	Parameters							
1.	Study Report No. & Type							
2.	Sponsor (Name and Address)							
3.	Test Facility (Name and Address)							
4.	Test Guideline (OECD/EPA etc.)							
5.	Study Initiation Date							
6.	Study Completion Date							
7.	CoA Attached (Yes/No)							
8.	IAEC No.							
9.	NGCMA GLP Certificate (Validity up to)							

2. STUDY DESIGN/METHODOLOGY (Applicable for all studies)

S. No.	Parameters						
1.	Species/Strain						
2.	No. and sex of animals per dose						
3.	Age and Body weight range at dosing						
4.	Doses/concentrations						
5.	Vehicle & positive control						
6.	Route of administration						
7.	Fasting Details (Duration)						
8.	Housing conditions (Temperature, Relative Humidity, Light cycle)						
9.	Diet and water report (source)						
10.	Feed analysis certificate						
11.	Acclimatization period and grouping						
12.	Dosing Schedule/ Single or repeated,						
13.	Rationale for dose selection						
14.	Homogeneity Analysis: *[range]*						

	Stability Analysis: *[range of values]* **Concentration Analysis:** *[range of values]*						
15.	**Recovery Period (days)**						
16.	**Any deviation from protocol or amendments**						

1. ACUTE ORAL TOXICITY RAT

Executive Summary:

In an acute oral toxicity study groups (#/sex) of strain, species (source), (age, weight) were given a single oral dose of (formulation/technical, note a.i. and %) in (vehicle or undiluted test article) at doses of??? or??mg/kg bw. Animals were then observed for (#) days.

Study Endpoints:

Oral LD_{50} = mg/kg bw

Toxicity based on the LD_{50} in males or females whichever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV.

Dose (mg/kg b.w)	Mortality/Number Tested Males/ Females	Morbidity/Number Tested Males/ Females	Survived/ Number Tested Males/ Females

Statistics/If any: The oral LD_{50} was calculated using the

Observations:

A. Morality: as noted in table.
B. Clinical observations including signs & symptoms:
C. Gross Necropsy/ pathological findings:
D. Weight changes:

Conclusions:

2. ACUTE DERMAL TOXICITY RAT

Executive Summary:

In an acute dermal toxicity study, groups (#/sex) of strain, species (source), (age, weight) were dermally exposed to (formulation/technical, note a.i. and %) in (vehicle or undiluted test article) to (% or amount of body surface area) at doses of, or mg/kg bw. Test sites were covered with a(n) occlusive/semi-occlusive dressing for (#) hours. Animals were then observed for (#) days.

Study Endpoints:

Dermal LD_{50} = mg/kg bw
Toxicity based on the LD_{50} in males or females whichever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV.

Dose (mg/kg b.w)	**Mortality/Number Tested Males/ Females**	**Morbidity/Number Tested Males/ Females**	**Survived/ Number Tested Males/ Females**

Statistics/If any: The Dermal LD_{50} was calculated using the
Observations:

A. **Morality:** as noted in table.
B. **Clinical observations including signs & symptoms:**
C. **Gross Necropsy/ pathological findings:**
D. **Weight changes:**

Conclusions:

3. ACUTE INHALATIONAL TOXICITY RAT

Executive Summary:

In an acute inhalation toxicity study, groups (#/sex) of strain, species (source), (age, weight) were exposed (nose only, head only or whole body) via the inhalation route to (formulation/technical, note a.i. and %) in (name of vehicle or undiluted test article) for [#] hours at concentrations of mg/L. Animals were then observed for [#] days.

Study Endpoints:

LC_{50} = mg/L

Toxicity: based on (males or females whichever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV.

Nominal Conc. (mg/L)	Actual Conc. (Gravimetric/ Analytical) (mg/L)	MMAD	GSD	Mortality/Number Tested	Morbidity/Number Tested	Survived/ Number Tested
				Males/ Females	Males/ Females	Males/ Females

Test Atmosphere /Chamber Description:

Chamber Volume:	
Airflow:	
Temperature:	
Relative Humidity:	
Time to Equilibrium:	

Test the atmosphere concentration:
Particle size determination:
Statistics/if any: The LC_{50} was calculated using the
Observations:

A. **Morality:** as noted in table.
B. **Clinical observations including signs & symptoms:**
C. **Gross Necropsy/ pathological findings:**
D. **Weight changes:**

Conclusions:

4. ACUTE EYE IRRITATION RABBIT

Executive Summary:

In an acute eye irritation study, (volume or weight of test material applied) of (formulation/technical, note a.i. and %) in (name of vehicle if appropriate, or undiluted test material) was instilled into the conjunctival sac of (which eye) of (#/sex), (strain), (species - rabbits) (source, age, weight) for [#] hours. (Note if eyes were washed) Animals were then observed for *[#]* days. Irritation was scored by the method as per guideline.
In this study, formulation/technical is not an eye irritant OR is minimally, mildly, moderately, severely, or extremely irritating to the eye based on GHS/EPA Toxicity Category I, II, III, IV.

	Number "positive"/number tested							
	Hours				**Days**			
Observations	**1**	**24**	**48**	**72**	**4**	**7**	**14**	**21**
Corneal Opacity								
Iritis								
Redness								
Chemosis								
Discharge								
Conjunctivae:								

Clinical observations including ocular signs & symptoms/ reactions:
Conclusion:

5. ACUTE DERMAL IRRITATION/PRIMARY SKIN IRRITATION RABBIT

Executive Summary:

In a primary skin irritation study, (#/sex) strain, species (source), (age, weight) were dermally exposed to (volume or weight of test material applied) of (formulation/technical, note a.i. and %) in (name of vehicle or undiluted test material) to (% or amount of body surface area - state location of test site). Test sites were covered with a(n) occlusive/semi-occlusive dressing for (#) hours. Animals were then observed for [#] days. Irritation was scored by the method of (cite method).

In this study, formulation/technical is not a dermal irritating OR is corrosive to the skin based on. GHS/EPA Toxicity Category I, II, III, IV.

	Number "positive"/number tested			
	Hours			
Observations	**1**	**24**	**48**	**72**
Erythema and Eschar Formation				
Oedema				

Observations:

Results:

Conclusions:

6. SKIN SENSITIZATION GUINEA PIG/LLNA

Executive Summary:

In a dermal sensitization study with (formulation/technical, note a.i. and %) in (name of vehicle if appropriate or undiluted test article), strain, species (source)(age, weight) were tested using the method of (cite study type). Identify positive control material. List clinical signs (systemic and local for LLNA) and mortality. Necropsy results for LLNA **if significant**.

Results and discussion:

A. **Reactions and duration:**

B. **Positive control:**

C. **Conclusions:**

OBSERVATIONS FOR MAXIMIZATION TEST (GPMT) AND BUEHLER TEST:

a. **Justification for positive control other than mentioned in guideline:**

b. **Dose Range Finding Study (DRFS) result:**

c. **Treatment and control skin reaction observation**

Group		Skin reaction observation (dermal scoring)		
		21 hours of patch removal	**Approx. 48 hours post challenge application**	**Approx. 72 hours post challenge application**
Treatment group	**Male**			
Naïve control				
Treatment group	**Female**			
Naïve control				

0 = no visible change 1 = discrete or patchy erythema 2 = moderate and confluent erythema 3 = intense erythema and swelling

d. **Result of positive control for reliability check:**

e. **Clinical observations if any,**

histopathological examination	
skin fold thickness	

OBSERVATIONS FOR LOCAL LYMPH NODE ASSAY (LLNA) TEST:

Observations	Results
Dose Range Finding Study (DRFS) result:	
Clinical Observations	
Body weights changes	
Ear erythema measurements	
Ear thickness measurements	
Statistical tool used	
DPM of positive control (mean and associated error term)	
Stimulation index of positive control (concurrent/ historical)	
DPM of treatment group (mean and associated error term)	
Stimulation index of treatment group	
DPM of vehicle control group (mean and associated error term)	
Stimulation index of Vehicle control group (if any)	

DPM: Disintegration Per Minute

REPEATED DOSE 28-DAY ORAL TOXICITY-Rodent

A. Executive Summary:

In a 28-day oral toxicity study test substance (technical/formulation was administered to *[(# of animals) species, strain]*/sex/dose in *[diet, water, by gavage]* at dose levels of 0, x, x, or x ppm (equivalent to 0, x, x, x mg/kg bw/day).

[Describe toxicity briefly following instructions for exec summary paragraph 2. If there is no toxicity, state that there were no compound related effects on mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic pathology.

Note: *if there was a NOAEL for clinical findings and when they occurred (for acute reference dose consideration during subsequent risk assessment.)].*

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

B. STUDY DESIGN:

Animal assignment: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: Study design *[change heading and units as appropriate for method of administration]*

Test Group	Conc. in Diet *(units)*	Dose to Animal *(units)*	# Male	# Female
Control				
Low				
Mid				
High				

Dose selection rationale:

The dose levels were selected based on the results from *[state study type(s)]* where *[route]* - administration of up to *[dose]* resulted in *[state effects]*. *[Use data from range-finding study if available.]*

Statistics - *[list parameters that were analyzed and the statistical methods used]*

C. RESULT & DISCUSSION (Observations):

1. Clinical signs of toxicity: *[include cage side observations and clinical examinations; note when signs were first observed]*

2. Mortality:
3. Neurological Evaluations - The following evaluations (measurements) were performed on day *[insert treatment day: [list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*
4. Body weight and weight gain: *[include a table of body weight gain, especially 0-30, 30-60, 60-90 days, only when there is a treatment-related effect]*
5. Food consumption and compound intake *[if feeding study]*:
a. Food consumption:
b. Compound consumption: *[time-weighted average] [include compound intake in table 1]* -
c. Food efficiency: *[if relevant] - [relate to any changes in body weight]*
6. Ophthalmoscopic examination:
7. Blood analyses: [Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]:
a. Hematology: [relate to any histological findings]
Hematology:

Hematocrit (HCT)*		Leukocyte differential count*
Hemoglobin (HGB)*		Mean corpuscular HGB (MCH)*
Leukocyte count (WBC)*		Mean corpusc. HGB conc.(MCHC)*
Erythrocyte count (RBC)*		Mean corpusc. volume (MCV)*
Platelet count*		Reticulocyte count
Blood clotting measurements*		
(Thromboplastin time)		
(Clotting time)		
(Prothrombin time)		

b. Clinical Chemistry: [relate to any histological findings]
Blood was collected *[were animals fasted? time of collection and how many animals]* for hematology and clinical chemistry from all surviving animals. The CHECKED (X) parameters were examined.

Clinical Chemistry:

ELECTROLYTES		**OTHER**
Calcium		Albumin*
Chloride		Creatinine*
Magnesium		Urea nitrogen*
Phosphorus		Total Cholesterol*

Potassium*		Globulins	
Sodium*		Glucose*	
ENZYMES		Total bilirubin	
Alkaline phosphatase (ALK)*		Total protein (TP)*	
Cholinesterase (ChE)		Triglycerides	
Creatine phosphokinase		Serum protein electrophoresis	
Lactic acid dehydrogenase (LDH)			
Alanine aminotransferase (ALT/also SGPT)*			
Aspartate aminotransferase (AST/also SGOT)*			
Sorbitol dehydrogenase*			
Gamma glutamyl transferase (GGT)*			
Glutamate dehydrogenase			

8. **Urinalysis:**

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

Appearance*		Glucose	
Volume*		Ketones	
Specific gravity/osmolality*		Bilirubin	
pH*		Blood/blood cells*	
Sediment (microscopic)		Nitrate	
Protein*		Urobilinogen	

* Recommended for 90-day oral rodent studies

9. **Gross and histopathology**: [Tables are recommended for treatment-related findings; limit text to integration of findings, highlights]

1. Organ weight - [absolute and relative as appropriate, relate to any histological changes]
2. Gross pathology -
3. Microscopic pathology - [relate with other findings, as appropriate]

D. CONCLUSION:

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.]

7. REPEATED DOSE 90-DAY ORAL TOXICITY-RODENT

A. Executive Summary:

In a 90-day oral toxicity study test substance (technical/formulation was administered to *[(# of animals) species, strain]*/sex/dose in *[diet, water, by gavage]* at dose levels of 0, x, x, or x ppm (equivalent to 0, x, x, x mg/kg bw/day).

[Describe toxicity briefly following instructions for exec summary paragraph 2. If there is no toxicity, state that there were no compound related effects on mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic pathology.

Note: if there was a NOAEL for clinical findings and when they occurred (for acute reference dose consideration during subsequent risk assessment.)].
The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

B. STUDY DESIGN:
1. Animal assignment: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.
TABLE 1: Study design *[change heading and units as appropriate for method of administration]*

Test Group	Conc. in Diet *(units)*	Dose to Animal *(units)*	# Male	# Female
Control				
Low				
Mid				
High				

2. Dose selection rationale:
The dose levels were selected based on the results from *[state study type(s)]* where *[route]* - administration of up to *[dose]* resulted in *[state effects]. [Use data from range-finding study if available.]*
3. Statistics - *[list parameters that were analyzed and the statistical methods used]*
C. RESULT & DISCUSSION (Observations):
1. Clinical signs of toxicity: *[include cage side observations and clinical examinations; note when signs were first observed]*
2. Mortality:
3. Neurological Evaluations - The following evaluations (measurements) were performed on day *[insert treatment day: [list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*
4. Body weight and weight gain: *[include a table of body weight gain, especially 0-30, 30-60, 60-90 days, only when there is a treatment-related effect]*
5. Food consumption and compound intake *[if feeding study]*:
a. Food consumption:
b. Compound consumption: *[time-weighted average] [include compound intake in table 1]* -
c. Food efficiency: *[if relevant] - [relate to any changes in body weight]*
6. Ophthalmoscopic examination:
7. Blood analyses: [Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]:
a. Hematology: [relate to any histological findings]
Hematology:

Hematocrit (HCT)*		Leukocyte differential count*
Hemoglobin (HGB)*		Mean corpuscular HGB (MCH)*

Leukocyte count (WBC)*		Mean corpusc. HGB conc.(MCHC)*
Erythrocyte count (RBC)*		Mean corpusc. volume (MCV)*
Platelet count*		Reticulocyte count
Blood clotting measurements*		
(Thromboplastin time)		
(Clotting time)		
(Prothrombin time)		

b. Clinical Chemistry: [relate to any histological findings]
Blood was collected *[were animals fasted? time of collection and how many animals]* for hematology and clinical chemistry from all surviving animals. The CHECKED (X) parameters were examined.

Clinical Chemistry:

ELECTROLYTES		**OTHER**
Calcium		Albumin*
Chloride		Creatinine*
Magnesium		Urea nitrogen*
Phosphorus		Total Cholesterol*
Potassium*		Globulins
Sodium*		Glucose*
ENZYMES		Total bilirubin
Alkaline phosphatase (ALK)*		Total protein (TP)*
Cholinesterase (ChE)		Triglycerides
Creatine phosphokinase		Serum protein electrophoresis
Lactic acid dehydrogenase (LDH)		
Alanine aminotransferase (ALT/also SGPT)*		
Aspartate aminotransferase (AST/also SGOT)*		
Sorbitol dehydrogenase*		
Gamma glutamyl transferase (GGT)*		
Glutamate dehydrogenase		

8. Urinalysis:

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

Appearance*		Glucose
Volume*		Ketones
Specific gravity/osmolality*		Bilirubin
pH*		Blood/blood cells*

Sediment (microscopic)		Nitrate	
Protein*		Urobilinogen	

* Recommended for 90-day oral rodent studies

9. **Gross and histopathology**: [Tables are recommended for treatment-related findings; limit text to integration of findings, highlights]

1. Organ weight - [absolute and relative as appropriate, relate to any histological changes]
2. Gross pathology -
3. Microscopic pathology - [relate with other findings, as appropriate]

D. CONCLUSION:

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.]

8. REPEATED DOSE DERMAL TOXICITY (28-DAY)-RAT/RABBIT

Executive Summary:

In a 28-day dermal toxicity study test substance was applied to the shaved skin of *[(# of animals) species, strain]*/sex/dose at dose levels of 0, x, x, x mg/kg bw/day, 6 hours/day for 5 days/week during a 28-day period.

[Describe toxicity briefly. If there is no toxicity, state that there were no compound related effects in mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic pathology. Note if there was a LOAEL/NOAEL for clinical findings (for acute reference dose consideration during subsequent risk assessment)].

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

B. STUDY DESIGN:

1. Animal assignment: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: Study design *[change heading and units as appropriate for method of administration]*

Test Group	Conc. in Diet *(units)*	Dose to Animal *(units)*	# Male	# Female
Control				
Low				
Mid				
High				

2. Dose selection rationale:
The dose levels were selected based on the results from *[state study type(s)]* where *[route]* - administration of up to *[dose]* resulted in *[state effects]*. *[Use data from range-finding study if available.]*
3. Statistics - *[list parameters that were analyzed and the statistical methods used]*
C. RESULT & DISCUSSION (Observations):
1. Clinical signs of toxicity: *[include cage side observations and clinical examinations; note when signs were first observed]*
2. Mortality:
3. Neurological Evaluations - The following evaluations (measurements) were performed on day *[insert treatment day: [list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*
4. Dermal irritation:
5. Body weight and weight gain: *[include a table of body weight gain, especially 0-30, 30-60, 60-90 days, only when there is a treatment-related effect]*
6. FOOD CONSUMPTION AND COMPOUND INTAKE *[if feeding study]*:
a. Food consumption:
b. Compound consumption: *[time-weighted average] [include compound intake in table 1]* -
c. Food efficiency: *[if relevant]* - *[relate to any changes in body weight]*
7. Ophthalmoscopic examination:
8. Blood analyses: [Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]:
a. Hematology: [relate to any histological findings]
Hematology:

Hematocrit (HCT)*		Leukocyte differential count*
Hemoglobin (HGB)*		Mean corpuscular HGB (MCH)*
Leukocyte count (WBC)*		Mean corpusc. HGB conc.(MCHC)*
Erythrocyte count (RBC)*		Mean corpusc. volume (MCV)*
Platelet count*		Reticulocyte count

Blood clotting measurements*		
(Thromboplastin time)		
(Clotting time)		
(Prothrombin time)		

b. Clinical Chemistry: [relate to any histological findings]
Blood was collected *[were animals fasted? time of collection and how many animals]* for hematology and clinical chemistry from all surviving animals. The CHECKED (X) parameters were examined.

Clinical Chemistry:

ELECTROLYTES		**OTHER**
Calcium		Albumin*
Chloride		Creatinine*
Magnesium		Urea nitrogen*
Phosphorus		Total Cholesterol*
Potassium*		Globulins
Sodium*		Glucose*
ENZYMES		Total bilirubin
Alkaline phosphatase (ALK)*		Total protein (TP)*
Cholinesterase (ChE)		Triglycerides
Creatine phosphokinase		Serum protein electrophoresis
Lactic acid dehydrogenase (LDH)		
Alanine aminotransferase (ALT/also SGPT)*		
Aspartate aminotransferase (AST/also SGOT)*		
Sorbitol dehydrogenase*		
Gamma glutamyl transferase (GGT)*		
Glutamate dehydrogenase		

9. Urinalysis:

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

Appearance*		Glucose
Volume*		Ketones
Specific gravity/osmolality*		Bilirubin
pH*		Blood/blood cells*
Sediment (microscopic)		Nitrate
Protein*		Urobilinogen

* Recommended for 90-day oral rodent studies

10. **Gross and histopathology**: [Tables are recommended for treatment-related findings; limit text to integration of findings, highlights]

1. Organ weight - [absolute and relative as appropriate, relate to any histological changes]
2. Gross pathology -
3. Microscopic pathology - [relate with other findings, as appropriate]

All animals that died and those sacrificed on schedule were subjected to gross pathological examination and the CHECKED (X) tissues were collected for histological examination *[note if not all collected tissues were examined]*. The (XX) organs, in addition, were weighed.

DIGESTIVE SYSTEM		**CARDIOVASCULAR/ HEMATOLOGY**		**NEUROLOGIC**
Tongue		Aorta*		Brain*+
Salivary glands*		Heart*+		Peripheral nerve*
Esophagus*		Bone marrow*		Spinal cord (3 levels)*
Stomach*		Lymph nodes*		Pituitary*
Duodenum*		Spleen*+		Eyes (optic nerve)*
Jejunum*		Thymus*+		**GLANDULAR**
Ileum*				Adrenal gland*+
Cecum*		**UROGENITAL**		Lacrimal gland
Colon*		Kidneys*+		Parathyroid*
Rectum*		Urinary bladder*		Thyroid*
Liver*+		Testes*+		**OTHER**
Gall bladder (not rat)*		Epididymides*+		Bone (sternum and/or femur)
Bile duct (rat)		Prostate*		Skeletal muscle
Pancreas*		Seminal vesicles*		Skin*
RESPIRATORY		Ovaries*+		All gross lesions and
Trachea*		Uterus*+		

Lung*		Mammary gland*		
Nose*				
Pharynx*				
Larynx*				

+ Organ weights required for rodent studies.

D. CONCLUSION:

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

10. REPEATED DOSE DERMAL TOXICITY (90-DAY) RAT/RABBIT

A. Executive Summary:

In a 90-day dermal toxicity study the test substance was applied to the shaved skin of *[(# of animals) species, strain]*/sex/dose at dose levels of 0, x, x, x mg/kg bw/day, 6 hours/day for 5 days/week during a 90-day period.

[Describe toxicity briefly. If there is no toxicity, state that there were no compound related effects in mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic pathology. Note if there was a LOAEL/NOAEL for clinical findings (for acute reference dose consideration during subsequent risk assessment)].

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

B. STUDY DESIGN:

1. Animal assignment: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: Study design *[change heading and units as appropriate for method of administration]*

Test Group	Conc. in Diet *(units)*	Dose to Animal *(units)*	# Male	# Female
Control				
Low				
Mid				

High				

2. Dose selection rationale:

The dose levels were selected based on the results from *[state study type(s)]* where *[route]* - administration of up to *[dose]* resulted in *[state effects]*. *[Use data from range-finding study if available.]*

3. Statistics - *[list parameters that were analyzed and the statistical methods used]*

C. RESULT & DISCUSSION (Observations):

1. Clinical signs of toxicity: *[include cage side observations and clinical examinations; note when signs were first observed]*

2. Mortality:

3. Neurological Evaluations - The following evaluations (measurements) were performed on day *[insert treatment day*: *[list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*

4. Dermal irritation:

5. Body weight and weight gain: *[include a table of body weight gain, especially 0-30, 30-60, 60-90 days, only when there is a treatment-related effect]*

6. FOOD CONSUMPTION AND COMPOUND INTAKE *[if feeding study]*:

a. Food consumption:

b. Compound consumption: *[time-weighted average] [include compound intake in table 1]* -

c. Food efficiency: *[if relevant]* - *[relate to any changes in body weight]*

7. Ophthalmoscopic examination:

8. Blood analyses: [Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]:

a. Hematology: [relate to any histological findings]

Hematology:

Hematocrit (HCT)*		Leukocyte differential count*
Hemoglobin (HGB)*		Mean corpuscular HGB (MCH)*
Leukocyte count (WBC)*		Mean corpusc. HGB conc.(MCHC)*
Erythrocyte count (RBC)*		Mean corpusc. volume (MCV)*
Platelet count*		Reticulocyte count
Blood clotting measurements*		
(Thromboplastin time)		
(Clotting time)		

(Prothrombin time)		

b. Clinical Chemistry: [relate to any histological findings]

Blood was collected *[were animals fasted? time of collection and how many animals]* for hematology and clinical chemistry from all surviving animals. The CHECKED (X) parameters were examined.

Clinical Chemistry:

ELECTROLYTES		**OTHER**
Calcium		Albumin*
Chloride		Creatinine*
Magnesium		Urea nitrogen*
Phosphorus		Total Cholesterol*
Potassium*		Globulins
Sodium*		Glucose*
ENZYMES		Total bilirubin
Alkaline phosphatase (ALK)*		Total protein (TP)*
Cholinesterase (ChE)		Triglycerides
Creatine phosphokinase		Serum protein electrophoresis
Lactic acid dehydrogenase (LDH)		
Alanine aminotransferase (ALT/also SGPT)*		
Aspartate aminotransferase (AST/also SGOT)*		
Sorbitol dehydrogenase*		
Gamma glutamyl transferase (GGT)*		
Glutamate dehydrogenase		

9. Urinalysis:

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

Appearance*		Glucose
Volume*		Ketones
Specific gravity/osmolality*		Bilirubin
pH*		Blood/blood cells*
Sediment (microscopic)		Nitrate
Protein*		Urobilinogen

* Recommended for 90-day oral rodent studies

10. **Gross and histopathology**: [Tables are recommended for treatment-related findings; limit text to integration of findings, highlights]

1. Organ weight - [absolute and relative as appropriate, relate to any histological changes]
2. Gross pathology -
3. Microscopic pathology - [relate with other findings, as appropriate]

All animals that died and those sacrificed on schedule were subjected to gross pathological examination and the CHECKED (X) tissues were collected for histological examination *[note if not all collected tissues were examined]*. The (XX) organs, in addition, were weighed.

DIGESTIVE SYSTEM		**CARDIOVASCULAR/ HEMATOLOGY**		**NEUROLOGIC**
Tongue		Aorta*		Brain*+
Salivary glands*		Heart*+		Peripheral nerve*
Esophagus*		Bone marrow*		Spinal cord (3 levels)*
Stomach*		Lymph nodes*		Pituitary*
Duodenum*		Spleen*+		Eyes (optic nerve)*
Jejunum*		Thymus*+		**GLANDULAR**
Ileum*				Adrenal gland*+
Cecum*		**UROGENITAL**		Lacrimal gland
Colon*		Kidneys*+		Parathyroid*
Rectum*		Urinary bladder*		Thyroid*
Liver*+		Testes*+		**OTHER**
Gall bladder (not rat)*		Epididymides*+		Bone (sternum and/or femur)
Bile duct (rat)		Prostate*		Skeletal muscle
Pancreas*		Seminal vesicles*		Skin*
RESPIRATORY		Ovaries*+		All gross lesions and masses*
Trachea*		Uterus*+		
Lung*		Mammary gland*		
Nose*				
Pharynx*				
Larynx*				

+ Organ weights required for rodent studies.

D. CONCLUSION:

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

11. REPEATED DOSE INHALATION TOXICITY (28-DAY)-RAT

A. Executive Summary:

In a sub-chronic inhalation toxicity study test substance was administered to *[(# of animals) species, strain]*/sex/concentration by dynamic *[nose only, head only or whole body]* exposure at concentrations of 0, x, x, x mg/L for x hours per day, x days/week for a total of x days *(include concentrations in units reported in the study as well as mg/L conversion).*

[Describe toxicity briefly. If there is no toxicity, state that there were no compound related effects in mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic pathology. Note if there was a LOAEL/NOAEL for clinical findings (for acute reference dose consideration during subsequent risk assessment)].

The LOAEL is mg/L/day, based on the NOAEL is mg/L/day.

B. STUDY DESIGN:

1. Animal assignment

Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: Study design

Test group	Nominal Conc. (mg/L)	Analytical Conc. (mg/L)	MMAD	GSD	Rats/sex
Control					
Low (LCT)					
Mid (MCT)					
High (HCT)					

2. Dose selection rationale

The dose levels were selected based on the results from *[state study type(s)]* where *[route-* administration of up to *[dose]* resulted in *[state effects]. [Use data from range-finding study if available.]*

3. Generation of the test atmosphere / chamber description:

Time to equilibrium was.

Analytical Chemistry.

Test atmosphere concentration *[give method and results]*. Results are in table 1 above.
Particle size determination [*give method and results]*. Results are in table 1 above.
2. **Statistics** - *[list parameters that were analyzed and the statistical methods used]*
C. RESULT & DISCUSSION (Observations):
1. Clinical signs of toxicity: *[include cage side observations and clinical examinations; note when signs were first observed]*
2. Mortality:
3. Neurological Evaluations - The following evaluations (measurements) were performed on day *[insert treatment day: [list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*
4. Body weight and weight gain: *[include a table of body weight gain, especially 0-30, 30-60, 60-90 days, only when there is a treatment-related effect]*
5. FOOD CONSUMPTION AND COMPOUND INTAKE *[if feeding study]*:
a. Food consumption:
b. Compound consumption: *[time-weighted average] [include compound intake in table 1]* -
c. Food efficiency: *[if relevant] - [relate to any changes in body weight]*
6. Ophthalmoscopic examination:
7. Blood analyses: [Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]:
a. Hematology: [relate to any histological findings]
Hematology:

Hematocrit (HCT)*		Leukocyte differential count*
Hemoglobin (HGB)*		Mean corpuscular HGB (MCH)*
Leukocyte count (WBC)*		Mean corpusc. HGB conc.(MCHC)*
Erythrocyte count (RBC)*		Mean corpusc. volume (MCV)*
Platelet count*		Reticulocyte count
Blood clotting measurements*		
(Thromboplastin time)		
(Clotting time)		
(Prothrombin time)		

b. Clinical Chemistry: [relate to any histological findings]

Blood was collected *[were animals fasted? time of collection and how many animals]* for hematology and clinical chemistry from all surviving animals. The CHECKED (X) parameters were examined.

Clinical Chemistry:

ELECTROLYTES		**OTHER**
Calcium		Albumin*
Chloride		Creatinine*
Magnesium		Urea nitrogen*
Phosphorus		Total Cholesterol*
Potassium*		Globulins

Sodium*		Glucose*
ENZYMES		Total bilirubin
Alkaline phosphatase (ALK)*		Total protein (TP)*
Cholinesterase (ChE)		Triglycerides
Creatine phosphokinase		Serum protein electrophoresis
Lactic acid dehydrogenase (LDH)		
Alanine aminotransferase (ALT/also SGPT)*		
Aspartate aminotransferase (AST/also SGOT)*		
Sorbitol dehydrogenase*		
Gamma glutamyl transferase (GGT)*		
Glutamate dehydrogenase		

8. Urinalysis:

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

	Appearance*		Glucose
	Volume*		Ketones
	Specific gravity/osmolality*		Bilirubin
	pH*		Blood/blood cells*
	Sediment (microscopic)		Nitrate
	Protein*		Urobilinogen

* Recommended for 90-day oral rodent studies

9. Gross and histopathology: [Tables are recommended for treatment-related findings; limit text to integration of findings, highlights]

1. Organ weight - [absolute and relative as appropriate, relate to any histological changes]
2. Gross pathology -
3. Microscopic pathology - [relate with other findings, as appropriate]

All animals that died and those sacrificed on schedule were subjected to gross pathological examination and the CHECKED (X) tissues were collected for histological examination *[note if not all collected tissues were examined]*. The (XX) organs, in addition, were weighed.

DIGESTIVE SYSTEM		**CARDIOVASCULAR/ HEMATOLOGY**		**NEUROLOGIC**
Tongue		Aorta*		Brain*+
Salivary glands*		Heart*+		Peripheral nerve*
Esophagus*		Bone marrow*		Spinal cord (3 levels)*
Stomach*		Lymph nodes*		Pituitary*
Duodenum*		Spleen*+		Eyes (optic nerve)*
Jejunum*		Thymus*+		**GLANDULAR**
Ileum*				Adrenal gland*+

Cecum*		**UROGENITAL**		Lacrimal gland
Colon*		Kidneys*+		Parathyroid*
Rectum*		Urinary bladder*		Thyroid*
Liver*+		Testes*+		**OTHER**
Gall bladder (not rat)*		Epididymides*+		Bone (sternum and/or femur)
Bile duct (rat)		Prostate*		Skeletal muscle
Pancreas*		Seminal vesicles*		Skin*
RESPIRATORY		Ovaries*+		All gross lesions and masses*
Trachea*		Uterus*+		
Lung*		Mammary gland*		
Nose*				
Pharynx*				
Larynx*				

+ Organ weights required for rodent studies.

D. CONCLUSION:

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

12. *IN VITRO* BACTERIAL GENE MUTATION *(Bacterial system, Salmonella typhimurium; E. coli)/* mammalian activation gene mutation assay

(Mutagenicity: AMES Test, 2 In Vitro, 1 In Vivo]

A. Executive Summary:

In a reverse gene mutation assay in bacteria (MRID *[number]*), strains *[specify]* of *S. typhimurium [or other acceptable bacterial strains, i.e., E. coli wp2 (pKM101) and WP2uvrA(pKM101)]* were exposed to *[Chemical name, (% a.i., batch/lot #), include solvent if appropriate]* at concentrations of in the presence and absence of mammalian metabolic activation *[specify] in the plate incorporation or pre-incubation procedure [specify]*.

(Chemical name) was tested *[up to cytotoxic (or insoluble) concentrations or limit concentration (5000 g/plate or 5 L/plate), include other details as appropriate]. (quantitate if positive for number of revertants e.g., a dose related increase to 782 revertants at the highest concentration vs. 110 revertants in control for strain TA 100).* The positive controls induced *(did not induce)* the appropriate responses in the corresponding strains.

There was *(no) evidence (or a concentration related positive response)* of induced mutant colonies over background.

B. MATERIALS AND METHODS

1. Control Materials:		
	Negative:	*[e.g., culture medium]*
	Solvent (final conc=n):	
	Positive:	Nonactivation: Sodium azide ____ □g/plate TA100, TA1535 2-Nitrofluorene ____ □g/plate TA98, TA1538 9-Aminoacridine ___ □g/plate TA97, TA1537 Other (list):
		Activation: 2-Aminoanthracene (2-anthramine) □g/plate usually all strains Other (list):

2. Activation: S9 derived from *[mark those that apply with x]*								
		induced		Aroclor 1254		Rat		Liver
		non-induced		Phenobarbitol		Mouse		Lung
				None		Hamster		Other *[name]*
				Other *[name]*		Other *[name]*		

Describe S9 mix composition *[if purchased, give details]*:

3. Test organisms: *S. typhimurium* strains *[mark those that apply with x]*								
		TA97		TA98		TA100	TA102	TA104
		TA1535		TA1537		TA1538	list any others	
Properly maintained?							Yes	No
Checked for appropriate genetic markers (*rfa* mutation, R factor)?							Yes	No

4. Test compound concentrations used: *[preliminary cytotoxicity test, if performed and main assay]*

Nonactivated conditions:

Activated conditions:

[Note: list strains used and number of replicates per dose, per strain, per condition along with doses]

C. RESULTS & DISCUSSIONS (OBSERVATIONS) *[Report results of analytical determination if performed]*

A. PRELIMINARY CYTOTOXICITY ASSAY: *[include concentration ranges, activation and nonactivation; strain(s) used; reported results, e.g., cytotoxicity indices (effect on background lawn; reduction in revertant) and solubility]*

B. MUTAGENICITY ASSAY: *[reported results, e.g., induction of revertant - individual plate counts and/or summary given; appropriateness of positive and background (concurrent and/or historical) revertant levels; number of concentration levels used; number of replicate plates; include representative table(s), if appropriate]*

D. CONCLUSION:

13. IN VITRO MAMMALIAN CYTOGENETICS ASSAY

A. Executive Summary:

In a mammalian cell cytogenetics assay *[Chromosome aberration or SCE]*(MRID *[number]*), *[cell type, e.g., CHO/V79/L5178Y cell cultures/primary lymphocyte cultures]* were exposed to *[Chemical name, (% a.i., batch/lot #), include solvent if appropriate]* at concentrations of 0, x, x, x □g/mL with and/or without metabolic activation *[specify]* for *[give duration of exposure]*.

Chemical name was tested *(up to cytotoxic or precipitating concentrations, or limit concentration, 5000 □g/mL). [include other details as appropriate, quantitate if positive (e.g. a dose related increase to 80% cells with aberrations at the top concentration, or large increase in deletions, rearrangements, etc. vs controls]*. Positive controls induced (did *not* induce) the appropriate response.

There was *(no) evidence (or a concentration related positive response)* of *[Chromosome aberration or SCE]* induced over background.

B. MATERIALS AND METHODS

1. Control Materials:	
Negative control:	*[e.g., culture medium]*
Solvent control (final conc=n):	
Positive control:	Nonactivation: (concentrations / solvent)
	Activation: (concentrations / solvent)

2. Activation: S9 derived from *[mark those with x that apply]*							
	induced		Aroclor 1254		Rat		Liver
	non-induced		Phenobarbitol		Mouse		Lung
			None		Hamster		Other (name)
			Other (name)		Other (name)		

Describe S9 mix composition: *[if purchased, give details]*

3. Test cells: mammalian cells in culture *[identify cell line or primary cell culture (if human lymphocytes, describe subjects, e.g., donor's health, status, sex, smoker]*				
	V79 cells (Chinese hamster lung fibroblasts)			
	Human lymphocytes			
	Chinese hamster ovary (CHO) cells			
Media: (identify)				
Properly maintained?		Yes		No
Periodically checked for *Mycoplasma* contamination?		Yes		No
Periodically checked for karyotype stability?		Yes		No

4. Test compound concentrations used: *[For preliminary cytotoxicity test, if performed, and main assay]*		
	Nonactivated conditions:	
	Activated conditions:	

5. TEST PERFORMANCE

1. Preliminary Cytotoxicity Assay *[if performed, describe method; i.e., cell cycle kinetics, mitotic index, trypan blue, monolayer confluency, cloning efficience]*:

2. Cytogenetic Assay:

a.	**Cell exposure time:**	Test Material	Solvent Control	Positive Control
	Non-activated:	h	h	h
	Activated:	h	h	h

b.	**Spindle inhibition**	
	Inhibition used/concentration:	
	Administration time:	x hours (before cell harvest)

c.	**Cell harvest time after termination of treatment:**	Test Material	Solvent Control	Positive Control
	Non-activated:	h	h	h
	Activated:	h	h	h

d. Details of slide preparation: *[Describe briefly]*

e. Metaphase analysis

No. of cells examined per dose:				
Scored for structural?		Yes		No
Scored for numerical?		Yes If Y, list *[e.g., polyploid, endoreduplicated cells, etc.]*		No
Coded prior to analysis?		Yes		No

f. Statistical analysis: *[list parameters that were analyzed and the statistical methods]*

C. RESULTS & DISCUSSIONS (OBSERVATIONS) [*Report results of analytical determination if performed]*

1. PRELIMINARY CYTOTOXICITY ASSAY: *[reported results, e.g., include dose range, solubility, and evidence of cytotoxicity, rationale for exposure, harvest times and high dose with and without activation]*

2. *CYTOGENETIC or SCE* ASSAY:

[Reported results, e.g., include appropriateness of negative, solvent and positive control frequencies; appropriateness of dose levels; statistical evaluation; types of structural aberrations for significant dose levels; include representative table, if appropriate]

D. CONCLUSION

14. IN VITRO MAMMALIAN CELLS GENE MUTATION ASSAY *(name cell type used)*

Executive Summary:

In a mammalian cell gene mutation assay *[specify locus]* (MRID *[number]*), *[cell type]* cells cultured *in vitro* were exposed to *[Chemical name, (% a.i., batch/lot #), include solvent if appropriate]* at concentrations of x, x, x, x g/mL in the presence and absence of mammalian metabolic activation *[specify]* for *[give duration of exposure]*.

Chemical name was tested *[up to cytotoxic/insoluble/limit concentrations (i.e., 5000 g/mL, 5 L/mL, or 0.01 M), include other details as appropriate. Some quantitation here e.g., induced mutation frequency of $582x10^{-6}$ vs. $78x10^{-6}$ in controls at the top concentration]*. The positive controls *(did/did not)* induce the appropriate response. **There was *(no) evidence (or a concentration related positive response)* of induced mutant colonies over background.**

A. MATERIALS AND METHODS

1. Control Materials:		
	Negative control:	*[e.g., culture medium]*
	Solvent control (final conc=n):	
	Positive control:	Nonactivation:(concentrations / solvent)
		Activation: (concentrations / solvent)

2. Activation: S9 derived from *[mark those with x that apply]*								
		induced		Aroclor 1254		Rat		Liver
		non-induced		Phenobarbitol		Mouse		Lung
				None		Hamster		Other *[name]*
				Other *[name]*		Other *[name]*		

Describe S9 mix composition: *[if purchased, give details]*

3. Test cells: mammalian cells in culture *[mark those with x that apply]*							
		mouse lymphoma L5178Y cells		V79 cells (Chinese hamster lung fibroblasts)			
		Chinese hamster ovary (CHO) cells		list any others			
Media: *[Identify]*							
Properly maintained?				Yes		No	
Periodically checked for Mycoplasma contamination?				Yes		No	
Periodically checked for karyotype stability?				Yes		No	
Periodically "cleansed" against high spontaneous background?				Yes		No	

4.Locus Examined:		Thymidine kinase (TK)		Hypoxanthine-guanine-phosphoribosyl transferase (HGPRT)		Na^+/K^+ ATPase
	Selection agent:	bromodeoxyuridine (BrdU) *[give conc=n]*		8-azaguanine (8-AG) *[conc=n]*		ouabain*[conc=n]*
		fluorodeoxyuridine (FdU)		6-thioguanine (6-TG)		
		trifluorothymidine (TFT)				
	[Other? (details)]					

5. Test compound concentrations used: *[For preliminary cytotoxicity test, if performed, and main assay]*	
Nonactivated conditions:	
Activated conditions:	

6. Test performance

1. Cell treatment:

a. Cells were exposed to test compound, negative/solvent or positive controls for ___ hours (nonactivated) hours (activated).
b. After washing, cells were cultured for ___ days (expression period) before cell selection.
c. After expression, ____ cells/dish (__ dishes/ group) were cultured for ____ days in selection medium to determine numbers of mutants and __ cells/dish (_ dishes/group) were cultured for __ days without selective agent to determine cloning efficiency.
[If mouse lymphoma cells, include information regarding colony sizing]

7. Statistical Methods: *[list parameters that were analysed and the statistical methods used]*

C. RESULTS & DISCUSSIONS (OBSERVATIONS) *[Report results of analytical determination if performed]*

A. PRELIMINARY CYTOTOXICITY ASSAY

[include concentration ranges, activation and nonactivation; reported results, e.g., cytotoxicity and solubility, rationale for dose selection for main study]

B. MUTAGENICITY ASSAY *[reported results, e.g., induction of mutant colonies - individual colony counts and/or summary given; mutant frequencies per 10^6 survivors; positive and background mutant frequencies; inclusion of concentration levels used; number of cultures per concentration; levels of cytotoxicity obtained; appropriateness of cloning efficiencies; include representative table, if appropriate].*

D. CONCLUSION

14. IN VIVO MAMMALIAN BONE MARROW ERYTHROCYTES MICRONUCLEUS ASSAY

A. Executive Summary:

In a *(strain)* mouse *[or rats or other acceptable mammalian species]* bone marrow micronucleus assay (MRID *[number]*), *(number/sex/dose)* were treated *[route]* with *Chemical name (% a.i., batch/lot #)* at doses of 0, x, x, or x mg/kg bw. Bone marrow cells were harvested at *(list hours)* post-treatment. The vehicle was *(state vehicle). (Note the route of exposure and if acute or multiple dosing)*
There were *(no)* signs of toxicity *(list if present)* during the study. *[Note, the signs of cytotoxicity, if present, and the quantitative evidence for a positive micronucleus response, if any]*. Chemical name was *(not)* tested at an adequate dose *(based on)*. The positive control induced the appropriate response.

B. MATERIALS AND METHODS

a. Test compound:										
	Dosing:		once		twice (24 hrs apart)			Other *(describe)*		
	Sampling (after last dose):*[mark all that are appropriate]*,		6 hr		12 hr		24 hr	48 hr		72 hr
	Other *[describe]*:									

b. Negative and/or vehicle control:										
	Dosing:		once		twice (24 hrs apart)			Other *(describe)*		
	Sampling (after last dose):*[mark all that are appropriate]*,		6 hr		12 hr		24 hr	48 hr		72 hr
	Other *[describe]*:									

c. Positive control:											
	Dosing:		once		twice (24 hrs apart)			Other *(describe)*			
	Sampling (after last dose):*[mark all that are appropriate]*,		6 hr		12 hr		24 hr		48 hr		72 hr
	Other *[describe]*:										

d. Tissues and Cells Examined:	
	Bone marrow OR other (identify):
	No. of polychromatic erythrocytes (PCE) examined per animal:
	No. of normochromatic erythrocytes (NCE; more mature RBCs) examined per animal:
	Other (if other cell types examined, describe):

e. Details of slide preparation: *[Describe briefly; were slides coded?]*

f. Evaluation Criteria: *[Describe]*

g. **Statistical methods:** *[list parameters that were analyzed and the statistical methods]*

C. RESULTS & DISCUSSIONS (OBSERVATIONS) *[Report results of analytical determination if performed]*

1. PRELIMINARY TOXICITY ASSAY: *[reported results, e.g., include dose range; signs of toxicity - e.g., MTD considerations; clinical signs; number of animals, rationale for dose selection for micronucleus assay]*

2. MICRONUCLEUS ASSAY: *[reported results, e.g., include in life animal observations, induction of micronuclei; appropriateness of negative, solvent and positive control micronucleus frequencies; ratio of PCE/NCE; sex differences (if any); appropriateness of dose levels and route; statistical evaluation; include representative table, if appropriate]*

D. DISCUSSION AND CONCLUSIONS:

15. SCHEDULED DNA SYNTHESIS IN MAMMALIAN LIVER CELL CULTURES;

A. Executive Summary:

In an unscheduled DNA synthesis, primary rat hepatocyte cultures were exposed to *[Chemical name, (% a.i., batch/lot #), include solvent if appropriate]* at concentrations of 0, x, x, or x □g/mL for *(duration of exposure).*
Chemical name was tested *[up to cytotoxic or precipitating concentrations, or limit concentration, 5000 □g/mL. (Include other details as appropriate, quantitation if positive e.g. there was a significant increase in number of cells in repair (60% at top concentration vs 1% in controls))]*. The positive controls induced *(did not induce)* the appropriate response.
There was *(no)* evidence *(or a dose related positive response)* that unscheduled DNA synthesis, as determined by radioactive tracer procedures [nuclear silver grain counts] was induced.

B. MATERIALS AND METHODS

1. Cell Preparation:

a. Perfusion Technique:

b. Hepatocyte Harvest/Culture Preparation:

2. TEST PERFORMANCE *[(NOTE: If cells other than hepatocytes are tested, information regarding the S9 activated phase of testing must be included)]*

1. Cytotoxicity Assay: *[if conducted, briefly describe procedure]*

2. UDS Assay:

a. Treatment:

b. Preparation of Autoradiographs/Grain Development:

c. Grain Counting: *[include number of cells scored per dose, derivation of net nuclear grains, whether % cells in repair were scored]*

e. Statistical Analysis: *[list parameters that were analyzed and the statistical methods]*

C. RESULTS AND DISCUSSIONS (OBSERVATIONS): *[Report results of analytical determination if performed]*

1. PRELIMINARY CYTOTOXICITY ASSAY: *[include concentration ranges; reported results, e.g., cytotoxicity and solubility, rationale for dose selection for main study]*

2. UDS assay: *[reported results, e.g., net nuclear grain counts and/or summary; appropriateness of positive controls and background levels (concurrent and/or historical); number of concentration levels evaluated; number of replicates -- 100 cells/group (50 cells/slide); include representative table, if appropriate]*

D. CONCLUSIONS:

16. AVIAN ACUTE ORAL TOXICITY {Chicken, Pigeon, Quail, Duck etc.}

A. Executive Summary:

The acute oral toxicity of {test material} to X-d-old {common name and scientific name} was assessed over ....days. {Test material} was administered to the birds {enter the number of birds per treatment} by {method} at [Indicate doses used} mg ai/kg bw. The ...day-acute oral LD_{50} was ....mg a.i/kg bw. The ...day NOAEL of {test material} to the {species}, based on {endpoint} was ....mg a.i/kg bw. Describe toxicity briefly including mortality, behavioral abnormalities, and other signs of toxicity. If there was no toxicity, state that there was no compound related toxicity effect.

Results Synopsis

LD_{50}: {.....mg a..i./kg bw} 95% C.I.: {.... to ... mg a.i./kg bw} Probit Slope: {.....}

NOAEL:{.....mg a.i./kg bw}

Endpoint(s) Affected: {.....}

B. MATERIALS AND METHODS

1. Test Organism:

Species (common and scientific names): EPA recommends using either northern

Bobwhite [*Colinus virginianus*] or mallard [*Anas platrhynchos*]. Species that can be used in addition to northern bobwhite or mallard but are not preferred as an alternative include: pigeon [*Columba livia*], Japanese quail [*Coturnix coturnix japonica*], ring-necked pheasant [*Phasianus colchicus*], and red-legged partridge [*Alectoris rufa*], may be tested. If species other than the northern bobwhite or mallard are used,it is important that they are responsive to the conditions of the test and do not avoid exposure to the test material through fasting.

Age at study initiation: young adults of both sexes, not yet mated, and at least 16 weeks old at time of dosing.

Weight at study initiation: (mean and range): Birds are typically uniform in size and weight and phenotypically indistinguishable from *wild birds*

Source:

2. STUDY DESIGN:

1. Experimental Conditions

a) Range-finding study: If a range-finding study was conducted, briefly outline the test concentrations and other relevant conditions. Indicate the results from the preliminary study that were used to determine the conditions for the definitive study.

b) Definitive Study

Table X. Experimental Parameters

Parameter	Details	Remarks
Conditions (same as test or not): Feeding: Health (any mortality observed):		
Pen size and construction materials		
Test duration		
Dose preparation (Indicate method of confirmation of dose)		
Dose levels Nominal: Measured:		
Solvent/vehicle, if used Type: Amount/bw:		
Number of birds per groups/treatment Negative control: Solvent/vehicle control: Treated:		
Test conditions Temperature: Relative humidity: Photoperiod:		
Reference chemical, if used Name: Concentrations tested:		

2. Observations:

Table X: Observations

Criteria	Details	Remarks
Parameters measured (mortality/individual body weight at test initiation and termination/ mean feed consumption/ others)		
Indicate if the test material was regurgitated		
Groups on which necropsies were performed		
Observation intervals		
Were raw data included?		

3. Statistics:

List the parameters that were analyzed and the statistical tests that were performed. A copy of the statistical methods from the study may be attached.

C. RESULTS AND DISCUSSIONS (OBSERVATIONS):

1. MORTALITY:

Briefly summarize mortality; indicate if there was a dose-response effect; slope values, if provided. Compare with reference chemical toxicity test endpoints.

Table X: Effect of {Test Material} on Mortality of {Test Organism}

Treatment (mg a.i./kg bw)		No. of Birds	Cumulative Mortality				
			day 1	day 2	day 3	day 4	day n
Solvent/vehicle control							
Test dose 1							
Test dose 2							
Test dose 3							
Test dose n							
NOEL							
LD_{50}							
Reference chemical	Mortality						
	LD_{50}						
	NOAEL						

2. SUBLETHAL TOXICITY ENDPOINTS:

Briefly summarize behavioral abnormalities; other signs of toxicity (body weight loss, food consumption, organ effects, etc.). Indicate effects that were related to the chemical properties of the test material. Compare the sub-lethal effects with that of the reference chemical.

Table X: Sub-lethal Effect of {Test Material} on {Test Organism},

Treatment (mg a.i./kg bw)		Observation						
		body weight			food consumption			other endpoint
		day 0	day x1	day x2	day 0	day x1	day x2	% affected
Negative control								
Test dose 1								
Test dose 2								
Test dose 3								
Test dose n								
NOAEL								
EC_{50}								
Reference chemical	effect							
	NOAEL							
	LD_{50}							

D. CONCLUSIONS:

Indicate the acceptability classification. Provide the major conclusions, e.g., values for LD_{50} (95% confidence interval), probit slope (95% confidence interval), NOAEL, and sub-lethal effects.

17. REPEATED DOSE AVIAN TOXICITY (Dietary)

A. Executive Summary:

The acute dietary toxicity of {test material} to X-d-old {common name and scientific name} was assessed over X days. {Test material} was administered to the birds {enter the number of birds per treatment} in the diet at {indicate concentrations} mg a.i/kg dw of diet. The.... day acute dietary LC_{50} was..... mg a.i/kg diet. The ....day NOAEC of {test material} based on {endpoint} was.....mg a.i/kg diet. Briefly describe toxicity including mortality, behavioral abnormalities, and other signs. Describe any avoidance of treated diet and its relation to the test material. If there was no toxicity, state that there were no compound-related effects.

Results Synopsis

Test Organism Size/Age (mean weight):

LC_{50}: {.....mg a.i./kg diet} 95% C.I.: {.....to ..... mg a.i./kg diet}

Probit slope: {.....}

NOAEC: {..... mg a.i./kg diet} Endpoint(s) Affected { .....}

Sub-lethal effects:

B. MATERIALS AND METHODS

Test organism:

Species (common and scientific names):

EPA/OECD recommends using either northern bobwhite [*Colinus virinianus*] or mallard [*Anas pltyrhynchos*]. Other species which can be used in addition to northern bobwhite or mallard but preferably not as an alternative include: pigeon [*Columba livia*], Japanese quail [*Coturnix coturnix japonica*], ring-necked pheasant [*Phasianus colchicus*], and red-legged partridge [*Alectoris rufa*] may be tested. If species other than the northern bobwhite or mallard are used, it is important that they are responsive to the conditions of the test and do not avoid exposure to the test material through fasting.

Age at study initiation:

EPA recommends 10-14 days old for northern bobwhite and 5 days old for mallards; OECD recommends 10-17 days old

Weight at study initiation: (mean and range)

Source:

1. **STUDY DESIGN:**
   1. **Experimental Conditions**
   a. **Range-finding Study:** If a range-finding study was conducted, briefly outline the test concentrations and other relevant conditions. Indicate the results from the preliminary study that were used to determine the conditions for the definitive study.
   b. Definitive Study

Table X. Experimental Parameters

Parameter	Details	Remarks
Conditions (same as test or not): Feeding: Health (any mortality observed):		
Pen size and construction materials		
Test duration		
Dose preparation (Indicate method of confirmation of dose)		
Dose levels Nominal: Measured:		
Solvent/vehicle, if used Type: Amount/bw:		
Number of birds per groups/treatment Negative control: Solvent/vehicle control: Treated:		
Test conditions Temperature: Relative humidity: Photoperiod:		
Reference chemical, if used Name: Concentrations tested:		

2. Observations:

Table X: Observations

Parameters	Details	Remarks
Parameters measured (mortality/body weight/ mean feed consumption/ others)		
Indicate the stability and homogeneity of test chemical in the diet		
Indicate if the test material was regurgitated		
Treatments on which necropsies were performed		
Observation intervals		
Were raw data included?		

3. Statistics:

List the parameters that were analyzed and the statistical tests that were performed. A copy of the statistical methods from the study may be attached.

C. RESULTS AND DISCUSSIONS (OBSERVATIONS):

1. MORTALITY: Briefly summarize mortality; indicate if there was a dose-response effect; report the slope values, if provided. Provide measured concentration of test material, if determined. Compare with reference chemical toxicity test endpoints.

Table X: Effect of {Test Material} on Mortality of {Test Organism}

Treatment (mg a.i./ kg diet) [indicate if measured or nominal conc. were used]		**No. of birds per treatment**	**Cumulative mortality**				
			day 1	**day 2**	**day 3**	**day 4**	**day n**
Solvent/vehicle control							
Test concentration 1							
Test concentration 2							
Test concentration 3							
Test concentration n							
NOAEC							
LC_{50}							
Reference chemical	mortality						
	LC_{50}						
	NOAEC						

2. SUB-LETHAL TOXICITY ENDPOINTS:

Briefly summarize behavioral abnormalities and other signs of toxicity (body weight loss, decreased food consumption, organ effects, and other relevant findings). Indicate effects that were related to the chemical properties of the test material. Indicate if there was food avoidance and its relation to test material. Compare the sub-lethal effects with that of the reference chemical. If there was no toxicity, state there were no compound-related effects.

Table X: Sub-lethal Effect of {Test Material} on {Test Organism, If Reported

Treatment (mg a.i./kg diet [record measured and nominal conc. used]		**Observation**						
		Body weight		**Food consumption**		**Other endpoint**		
		day 0	**day x1**	**day xn**	**day 0**	**day x1**	**day xn**	**% affected**
Negative control								
Test dose 1								
Test dose 2								
Test dose 3								
Test dose n								
NOAEC								
EC_{50}								
Reference chemical	NOAEC							
	EC_{50}							

D. CONCLUSIONS: Indicate the acceptability classification of the study. Provide the major conclusions, *e.g.*, values for

LC_{50}: _____ mg a.i./kg diet 95% C.I.: _____-_____mg a.i./kg diet

NOAEC: mg a.i./kg diet

Sub-lethal effects:

18. ACUTE TOXICITY TO FISH

A. EXECUTIVE SUMMARY:

In a 96-hr acute toxicity study, {common name and scientific name} were exposed to {test chemical} at {nominal and/or measured} concentrations of {control, solvent control, x_1, x_2, x_3.....x_n mg a.i/L} under static/static renewal/flow-through conditions. The 96-hr LC_{50} was .....mg a.i/L. The NOAEC based on mortality/sub-lethal effects, was .... mg a.i/L (optional). Sublethal effects {list effects} were observed in the groups exposed to {list corresponding concentration(s)} of {test material}. Based on the results of this study, {test material} would be classified as {toxicity classification} to {test species} in accordance with U.S. EPA's classification system.

B. MATERIALS AND METHODS

1. Test organism:

Species

Age at test initiation: {mean and range in days}

Weight at study initiation: {mean and range}

Length at study initiation: {mean and range}

Source:

STUDY DESIGN:

Experimental Conditions

a) Range-finding Study: If a range-finding study was conducted, briefly outline the test concentrations and other relevant conditions. Indicate the results from the preliminary study that were used to determine the conditions for the definitive study.

b) Definitive Study:

Table X . Experimental Parameters

Parameter	Details	Remarks
Acclimation Period: Conditions: (same as test or not) Feeding: Health: (any mortality observed)		
Duration of the test		
Test condition static/static renewal/flow-through Type of dilution system for flow-through method. Renewal rate for static renewal		
Aeration, if any		
Test vessel Material: (glass/stainless steel) Size: Fill volume: Loading:		
Source of dilution water Quality:		
Water parameters Hardness (freshwater) pH Dissolved oxygen Total Organic Carbon Particulate matter Metals Pesticides Chlorine Alkalinity Conductivity COD (when testing cationic compounds) Temperature {Salinity for marine or estuarine species} Intervals of water quality measurement		

Parameter	Details	Remarks
Test concentrations: Nominal (corrected/uncorrected): Measured:		
Solvent (type and concentration if used)		
Number of replicates/group Negative control: Positive control: treatments:		
Number of organisms / replicate/group: Negative control: Positive control: Treatments:		
Biomass loading rate		
Lighting		
Feeding		
Recovery of chemical Level of Quantitation Level of Detection Method recoveries % of nominal		
Stability of chemical in the test system		
Variability of chemical in the test system		
Positive control {if used, indicate the chemical and concentrations}		
Other parameters, if any		

2. Observations:

Table X: Observations

Parameter	Details	Remarks
Parameters measured including the sublethal effects/toxicity symptoms		
Observation intervals		
Were raw data included?		
Other observations, if any		

Statistics:

List the parameters that were analyzed and the statistical tests that were performed. A copy of the statistical methods from the study may be attached.

C. RESULTS and DISCUSSIONS (OBSERVATIONS):

A. MORTALITY:

Briefly summarize mortality; indicate if there was a concentration-response effect; probit slope of concentration-response curve, if it can be calculated.

Table X: Effect of {Test Material} on Mortality of {Test Organism}.

Treatment (mg a.i./L) [record measured and nominal conc. used]	No. of fish at start of study	Observation period							
		24-hr		48-hr		72-hr		96-hr	
		No. Dead	% mortality	No. Dead	% mortality	No. Dead	% mortality	No. Dead	% mortality
Negative control (dilution water only)									
Positive control, if used (indicate carrier concentration)									
Test concentration 1									
Test concentration 2									
Test concentration 3									
Test concentration 4									
Test concentration 5									
Test concentration n									
NOAEC									
LC_{50}									
Probit slope, if applicable									

B. NON-LETHAL TOXICITY ENDPOINTS:

Briefly summarize behavioral abnormalities or other signs of toxicity. Indicate effects that were related to the chemical properties of the test material. Compare the sub-lethal effects with that of the reference chemical.

Table X: Sub-lethal Effect of {Test Material} on {Test Organism}.

Treatment (mg a.i./L) [record measured and nominal concentrations used]	Observation period											
	Endpoint 1 (% affected)				Endpoint 2 (% affected)				Endpoint 3 (% affected)			
	24 h	48 h	72 h	96 h	24 h	48 h	72 h	96 h	24 h	48 h	72 h	96 h
Negative control (dilution water only), if used												
Positive control, if used (indicate carrier concentration) % sub-lethal effect: EC_{50}												
Test concentration 1												
Test concentration 2												
Test concentration 3												
Test concentration n												
NOAEC												

D. CONCLUSIONS:

Provide the major conclusions, e.g., values for LC_{50} and NOAEC.

19. ACUTE HONEYBEES TOXICITY (Oral & Contact)

A. Executive Summary:

In a *[#]*-day *[oral or dietary]* toxicity and pathogenicity study, *[common name (scientific name)]* were exposed to a *[single OR #]* dose of *[dose amount]* of *[formulation, note its potency, biological activity or concentration per unit weight or volume]* (containing % *a.i. name*) by *[indicate exposure method]*. *[Include other pertinent details such as the controls used.*

The *[#]*-day LD50 was *[=, > or <] [insert LC50 in appropriate units]* (95% C.I. *-if applicable*). *[If the study included sublethal test endpoints and/or sublethal effects were observed and/or additional subchronic testing was triggered include the following text (otherwise-delete):* The EC50 based on sublethal effects, were *[insert EC50 in appropriate units.]* The NOEC value, based on mortality *[and sublethal effects]*, was *[=, > or <] [insert NOEC in appropriate units]*.

This study is classified as *[acceptable, unacceptable, and supplemental]*. This study was *[not]* conducted in accordance with the guideline recommendations for a *[oral or dietary]* toxicity and pathogenicity study for honey bees in the *[species]*.

B. MATERIALS AND METHODS:

1. Test Organism:
Species (common and scientific names): *[Indicate the species used.]*
Age at test initiation: *[Give the age of the test organisms.]*
Strain/Source: [Report the strain, supplier and/or source of the test organism.]
Date of collection: *[Insert the date of collection, if applicable.]*
2. STUDY DESIGN AND METHODS:
a. Experimental Methods and Conditions
Acclimation:
Duration:
Feeding:
Water:
Temperature:
Relative humidity:
b. Test chamber - description and size:
c. Route(s) of exposure:[Describe route of exposure and topical application apparatus, if applicable.]
d. Dose levels / test concentrations:
e. Preparation of dose or test concentration:
f. Confirmation of MPCA viability: [Describe methods used to confirm the concentration and/or viability of the MPCA in the dosing suspensions.]
g. Positive control / reference material: *[if used]* **[Insert a description of the reference material, with the number of arthropods treated and frequency of testing (if not concurrent).]**
h. Number of bees per chamber:
i. ***Control(s): Treatment(s):***
j. Number of replicates (chambers) per treatment:

k. **Recovery of MPCA from bees:** *[if applicable]* **[Describe methods used to recover the MPCA from collected samples.]**
l. **Feeding: [Describe the feeding regime used during the experiment.]**
m. **Test Conditions** Temperature: Humidity: Lighting:
n. **Duration of the study:**
o. **Other methods or conditions, if any:**

C. RESULTS AND DISCUSSIONS (OBSERVATIONS):

1. Parameters measured including sub-lethal effects/toxicity symptoms:

[List the parameters measured during the experiment, e.g., mortality, survival, abnormal behavior or appearance, fecundity, growth inhibition, concentration of the MPCA in the test suspensions. Provide references to data summary tables, if used.]

Observation/measurement intervals:

[List time points for each parameter measurement and observation.]

2. VIABILITY OF DOSING SUSPENSIONS: *[Summarize the dose verification data and indicate if the tested sample was still viable.]*

TABLE *[#].* Viability of *[test substance]* in the *[dosing suspension/diet]* administered to honey bees (*Apis mellifera*) in a *[contact, acute oral or dietary]* test.

Dose Group	**Nominal Concentration *[units]***	**Measured Concentration *[units]***
Solvent/vehicle control		
Inactivated		
Sterile filtrate control		
Maximum hazard dose		
Negative control		

3. MORTALITY:

[[Briefly summarize mortality results (if any). If values for LD50, LC50, LT50, NOEL, NOEC are greater than the MHD level, use < symbol. Comment on dose response relationship; Slope of response, if provided. Compare the mortality with control treatment and/or the reference chemical. Data may be summarized in a table such as those presented below. Modify table to accommodate differences in experimental design.]

TABLE *[#]*. Effect of *[test material]* on cumulative mortality of honey bees (*Apis mellifera*) in a *[contact, acute oral or dietary]* test.

Treatments *[indicate if nominal or measured (measured should be used, if provided)]*		**No. of Bees**	**Observation Period**					
			Day x1		***Day x2***		***Day n***	
			No. Dead	**% Mortality**	**No. Dead**	**% Mortality**	**No. Dead**	**% Mortality**
Negative control								
Solvent control, if used								
test concentration 1								
test concentration 2								
test concentration3								
test concentration 4								
test concentration n								
LD50/LC50 *[insert [>] if greater than]*								
NOEL/NOEC *[insert [>] if greater than]*								
Reference chemical	*Mortality (% or No.)*							
	LD50: LC50:	*[insert [>] if greater than]*						
	NOEL NOEC	*[insert [>] if greater than]*						

[a Use superscript and footnote to indicate values that are statistically significantly different from control.]

4. SUB-LETHAL TOXICITY EFFECTS:

[Include if any sub-lethal effects are observed- Briefly summarize behavioural abnormalities or other signs of toxicity. Indicate effects that were related to the t*est-material. Compare sub-lethal effects with control treatment and/or the reference chemical. Data may be summarized in a table such as those presented below. Modify tables to accommodate differences in experimental design. For acute oral and dietary, provide information about palatability of the treated diet, rate of consumption of diet in treated and untreated groups.]*

TABLE *[#].* Effect of *[test material]* on *[endpoint]* of honey bees (*Apis mellifera*) in a *[contact, acute oral or dietary]* test.

Treatments *[indicate if nominal or measured (measured should be used, if provided)]*		**Observation Period**					
		Day x1		***Day x2***		***Day n***	
		endpoint 1	**% Affected**	***endpoint 2***	**% Affected**	***endpoint n***	**% Affected**
Negative control							
Solvent control, if used							
test concentration 1							
test concentration 2							
test concentration3							
test concentration 4							
test concentration n							
ED50/EC50 or other sublethal endpoint *[insert [>] if greater*							
NOEL/NOEC *[insert [>] if greater*							
Reference chemical	*LC50/ LC50*	*[insert [>] if greater than]*					
	NOEL/ NOEC	*[insert [>] if greater than]*					

D. CONCLUSIONS

Values for LD50, LC50, LT50, EC50, NOEL, NOEC, Probit slope, Endpoint(s) Affected: etc. were [=, > or <] insert final dose concentration/level (in appropriate units).]

20. ACUTE TOXICITY TO EARTHWORM

A. Executive Summary:

In a..... day acute toxicity study, earthworms {species} were exposed to {test chemical} at {0, x1, x2, x3,...x_n mg a.i./kg dry weight of soil/artificial substrate}. The reference chemical used was..... (name) at x mg a.i/kg d w of the soil/substrate. The ..... day LC_{50} was..... mg a.i/kg dw of soil/substrate. The..... day EC_{50} was ..... mg a.i/kg dw of soil/substrate. The..... day NOAEC, based on [indicate parameter used] was x mg a.i./kg d.w. of soil/substrate. The LOAEC, based on [indicate parameter used] was x mg a.i./kg d.w. of soil/substrate. The {a.i.} is considered to be {non-toxic/toxic} to earthworms up to/above a concentration of {X} mg a.i./kg d.w of soil/substrate.

Briefly describe the mortality and other toxic effects that were observed. If toxicity or abnormalities were not observed, state that there were no compound related toxicity effects.

Results Synopsis

Test Organism Size/Age (mean weight or length):

Test Type (Flow-through, Static, Static Renewal):

LC_{50}: {.....mg a..i./kg dw soil} 95% C.I.: {.... to ... mg a.i./kg dw soil}

NOAEL: {.....mg a.i./kg dw soil}

Probit Slope: {.....} 95% C.I.: {.... to ... }

EC_{50}: {.....mg a.i./kg dw soil} 95% C.I.: {.... to ... mg a.i./kg dw soil}

Endpoint(s) Affected: {.....}

B. MATERIALS AND METHODS

1. Test organism:
Species: {common and scientific names} :OECD recommend *Eisenia fetida andrei* (Bouche). The earthworms should weigh 300-600 mg at the beginning of the test.
Age at test initiation: (mean and range)
Weight at study initiation: (mean and range)
Source:

2. STUDY DESIGN:

1. Experimental Conditions

a. Range-finding Study: If a range-finding study was conducted, briefly outline the test concentrations and other relevant conditions. Indicate the results from the preliminary study that were used to determine the conditions for the definitive study.

b. Definitive Study

1. Soil: Indicate if an artificial or natural soil was used. If an artificial soil is used, provide the composition, pH and moisture content. If a natural soil was used, complete the following table.

Table X: Physicochemical Properties of Natural Soil

Property	**Value**	**Remarks**
For natural soil: Texture: % sand % silt % clay Textural classification: For artificial substrate (provide composition):		
pH (__:__ soil:water)		
Organic carbon (%)		
Moisture (%)		

Table X . Experimental Design

Parameter	Value	Remarks
Acclimation: Duration: Conditions (state if same as the test conditions): Health:		
Soil [fresh or stored]		
Test Container Material Size Amount of soil/substrate		
No. of replicates: Per treatment group: Per control:		
No. of earthworms per treatment		
Solvents used or not (if yes report the name and concentration)		
Rates of application: Nominal: Measured:		

Parameter	Value	Remarks
Reference chemical (if used) name: Concentration:		
Test conditions: Temperature Lighting conditions Moisture		
Duration of the study		

2. Observations:

Table X: Observations

Parameters	**Details**	**Remarks**
Observation intervals		
Parameters measured including the sublethal effects/toxicity symptoms		
Were raw data included?		
Other observations, if any		

3. **Statistics:** List the parameters that were analyzed and the statistical tests that were performed. A copy of the statistical methods from the study may be attached.

C. RESULTS AND DISCUSSIONS (OBSERVATIONS):

1. MORTALITY: Briefly summarize mortality; dose response relationship and slope of dose-response curve, if provided; compare with reference toxicity end points.

Table X: Effect of {Test Material} on Mortality of {Species}

Treatment (mg a.i./kg soil) [record measured and nominal conc. used]	**Observation period**					
	Day x		**Day x**		**Day x**	
	No Dead	**% mortality**	**No Dead**	**% mortality**	**No Dead**	**% mortality**
Control						
Test concentration 1						
Test concentration 2						
Test concentration 3						
Test concentration n						
NOAEC						
LOAEC						
LC_{50}						
Reference chemical (% mortality; LC_{50})						

2. SUB-LETHAL TOXICITY ENDPOINTS:

Briefly summarize signs of sub-lethal toxicity. Indicate any results related to the chemical properties of the test material.

Table X: Sub-lethal Effect of {Test Material} on {Species}. [Indicate if average weight used]

Treatment (mg a.i./kg soil) [indicate if measured or nominal conc. used]	**Observation period**					
	Day x		**Day x**		**Day x**	
	weight	**% loss**	**weight**	**% loss**	**weight**	**% loss**
Control						
Test concentration 1						
Test concentration 2						
Test concentration 3						
Test concentration n						
NOAEC						
LOAEC						
EC_{50}						
Reference chemical (% mortality; LC_{50})						

D. CONCLUSIONS: Provide the major conclusions, e.g., values for EC_{50}, LC_{50}. NOAEC, and LOAEC.

TOXICOLOGY SCRTINY TEMPLATE

[9(3)FIM, FI, & Ethephon)]

1. GENERAL INFORMATIONS:

1.	Application Details (Category etc.)		
2.	Test Substance/Chemical Details (Common Name, IUPAC Name, CAS N. Batch N.)		
3.	Assay Purity/Active Ingredient Content %		
4.	Type of Pesticides (Insecticide/ Fungicide/ Herbicide etc.)		
5.	Decoding Certificates details		
6.	Product Schedule Inclusion Details		
7.	Source of Technical Material In case of TI-New source: information on registered source and its chemical composition. (Including RC decision or CR etc.)		
8.	In case of formulation, status of technical registration (including RC decision or CR)		
9.	Source of manufacturer and supplier		

2. RTT PERMIT

RTT PERMIT DETAILS						
Permit Number	Name of The Insecticide/Chemical	Quantity Approved	Name of The Importer	Name of The Manufacturer	Source of Procurement	Purpose of Import

3. LABEL AND LEAFLET

LABEL AND LEAFLET							
Chemical Composition	Precautions	Symptoms of Poisoning	Cautionary Statement	First Aid	Antidote	Toxicity Triangle	Pictogram Details

4. TEST SUBSTANCE & FORMULATION

1.	Physicochemical property		
2.	Adjuvants details		
3.	Compatibility		

1. STUDY DETAILS (Applicable for acute and Ecotox Studies)

S. No.	Parameters							
1.	Study Report No. & Type							
2.	Sponsor (Name and Address)							
3.	Test Facility (Name and Address)							
4.	Test Guideline (OECD/EPA etc.)							
5.	Study Initiation Date							
6.	Study Completion Date							
7.	CoA Attached (Yes/No)							
8.	IAEC No.							
9.	NGCMA GLP Certificate (Validity up to)							

2. **STUDY DESIGN/METHODOLOGY (Applicable for Acute and Ecotox Studies)**

S. No.	Parameters						
1.	Species/Strain						
2.	No. and sex of animals per dose						
3.	Age and Body weight range at dosing						
4.	Doses/concentrations						
5.	Vehicle & positive control						
6.	Route of administration						
7.	Fasting Details (Duration) pre-dose						
8.	Housing conditions (Temperature, Relative Humidity, Light cycle)						
9.	Diet and water report (source)						
10.	Feed analysis certificate						
11.	Acclimatization period and grouping						
12.	Dosing Schedule/ Single or repeated						
13.	Rationale for dose selection						
14.	Homogeneity/ Stability Analysis/ Concentration Analysis						
15.	Any deviation from protocol or amendments						

1. ACUTE ORAL TOXICITY RAT

Executive Summary:

In an acute oral toxicity study groups (#/sex) of strain, species (source), (age, weight) were given a single oral dose of (formulation/technical, note a.i. and %) in (vehicle or undiluted test article) at doses of??? or??mg/kg bw. Animals were then observed for (#) days.

Study Endpoints:

Oral LD_{50} = mg/kg bw

Toxicity based on the LD_{50} in males or females whichever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV.

Dose (mg/kg b.w)	Mortality/Number Tested Males/ Females	Morbidity/Number Tested Males/ Females	Survived/ Number Tested Males/ Females

Statistics/If any: The oral LD_{50} was calculated using the

Observations:

Morality: as noted in table.
Clinical observations including signs & symptoms:
Gross Necropsy/ pathological findings:
Weight changes:

Conclusions:

2. ACUTE DERMAL TOXICITY RAT

Executive Summary:

In an acute dermal toxicity study, groups (#/sex) of strain, species (source), (age, weight) were dermally exposed to (formulation/technical, note a.i. and %) in (vehicle or undiluted test article) to (% or amount of body surface area) at doses of, or mg/kg bw. Test sites were covered with a(n) occlusive/semi-occlusive dressing for (#) hours. Animals were then observed for (#) days.

Study Endpoints:

Dermal LD_{50} = mg/kg bw
Toxicity based on the LD_{50} in males or females whichever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV.

Dose (mg/kg b.w)	**Mortality/Number Tested** **Males/ Females**	**Morbidity/Number Tested** **Males/ Females**	**Survived/ Number Tested** **Males/ Females**

Statistics/If any: The Dermal LD_{50} was calculated using the
Observations:

A. **Morality:** as noted in table.
B. **Clinical observations including signs & symptoms:**
C. **Gross Necropsy/ pathological findings:**
D. **Weight changes:**

Conclusions:

3. ACUTE INHALATIONAL TOXICITY RAT

Executive Summary:

In an acute inhalation toxicity study, groups (#/sex) of strain, species (source), (age, weight) were exposed (nose only, head only or whole body) via the inhalation route to (formulation/technical, note a.i. and %) in (name of vehicle or undiluted test article) for [#] hours at concentrations of mg/L. Animals were then observed for [#] days.

Study Endpoints:

LC_{50} = mg/L

Toxicity: based on (males or females whichever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV.

Nominal Conc. (mg/L)	Actual Conc. (Gravimetric/ Analytical) (mg/L)	MMAD	GSD	Mortality/Number Tested	Morbidity/Number Tested	Survived/ Number Tested
				Males/ Females	Males/ Females	Males/ Females

TEST ATMOSPHERE /CHAMBER DESCRIPTION:

Chamber Volume:	
Airflow:	
Temperature:	
Relative Humidity:	
Time to Equilibrium:	

Test the atmosphere concentration:
Particle size determination:
Statistics/if any: The LC_{50} was calculated using the
Observations:

A. **Morality:** as noted in table.
B. **Clinical observations including signs & symptoms:**
C. **Gross Necropsy/ pathological findings:**
D. **Weight changes:**

Conclusions:

4. ACUTE EYE IRRITATION RABBIT

Executive Summary:

In an acute eye irritation study, (volume or weight of test material applied) of (formulation/technical, note a.i. and %) in (name of vehicle if appropriate, or undiluted test material) was instilled into the conjunctival sac of (which eye) of (#/sex), (strain), (species - rabbits) (source, age, weight) for [#] hours. (Note if eyes were washed) Animals were then observed for *[#]* days. Irritation was scored by the method as per guideline.
In this study, formulation/technical is not an eye irritant OR is minimally, mildly, moderately, severely, or extremely irritating to the eye based on GHS/EPA Toxicity Category I, II, III, IV.

	Number "positive"/number tested							
	Hours				**Days**			
Observations	1	24	48	72	4	7	14	21
Corneal Opacity								
Iritis								
Redness								
Chemosis								
Discharge								
Conjunctivae:								

Clinical observations including ocular signs & symptoms/ reactions:
Conclusion:

5. ACUTE DERMAL IRRITATION/PRIMARY SKIN IRRITATION RABBIT

Executive Summary:

In a primary skin irritation study, (#/sex) strain, species (source), (age, weight) were dermally exposed to (volume or weight of test material applied) of (formulation/technical, note a.i. and %) in (name of vehicle or undiluted test material) to (% or amount of body surface area - state location of test site). Test sites were covered with a(n) occlusive/semi-occlusive dressing for (#) hours. Animals were then observed for [#] days. Irritation was scored by the method of (cite method).

In this study, formulation/technical is not a dermal irritating OR is corrosive to the skin based on. GHS/EPA Toxicity Category I, II, III, IV.

	Number "positive"/number tested			
	Hours			
Observations	**1**	**24**	**48**	**72**
Erythema and Eschar Formation				
Oedema				

Observations:

Results:

Conclusions:

6. SKIN SENSITIZATION GUINEA PIG/LLNA

Executive Summary:

In a dermal sensitization study with (formulation/technical, note a.i. and %) in (name of vehicle if appropriate or undiluted test article), strain, species (source)(age, weight) were tested using the method of (cite study type). Identify positive control material. List clinical signs (systemic and local for LLNA) and mortality. Necropsy results for LLNA **if significant**.

Results and discussion:

A. Reactions and duration:

B. Positive control:

C. Conclusions:

OBSERVATIONS FOR MAXIMIZATION TEST (GPMT) AND BUEHLER TEST:

a. **Justification for positive control other than mentioned in guideline:**

b. **Dose Range Finding Study (DRFS) result:**

c. **Treatment and control skin reaction observation**

Group		Skin reaction observation (dermal scoring)		
		21 hours of patch removal	Approx. 48 hours post challenge application	Approx. 72 hours post challenge application
Treatment group	Male			
Naïve control				
Treatment group	Female			
Naïve control				

0 = no visible change 1 = discrete or patchy erythema 2 = moderate and confluent erythema 3 = intense erythema and swelling

d. **Result of positive control for reliability check:**

e. **Clinical observations if any,**

histopathological examination	
skin fold thickness	

Observations for Local Lymph Node Assay (LLNA) Test:

Observations	Results
Dose Range Finding Study (DRFS) result:	
Clinical Observations	
Body weights changes	
Ear erythema measurements	
Ear thickness measurements	
Statistical tool used	
DPM of positive control (mean and associated error term)	
Stimulation index of positive control (concurrent/ historical)	
DPM of treatment group (mean and associated error term)	
Stimulation index of treatment group	
DPM of vehicle control group (mean and associated error term)	
Stimulation index of Vehicle control group (if any)	

DPM: Disintegration Per Minute

7. ACUTE AVIAN ORAL TOXICITY {Chicken, Pigeon, Quail, Duck etc.}

A. Executive Summary:

The acute oral toxicity of {test material} to X-d-old {common name and scientific name} was assessed over ....days. {Test material} was administered to the birds {enter the number of birds per treatment} by {method} at [Indicate doses used} mg ai/kg bw. The ...day-acute oral LD_{50} was ....mg a.i/kg bw. The ...day NOAEL of {test material} to the {species}, based on {endpoint} was ....mg a.i/kg bw. Describe toxicity briefly including mortality, behavioral abnormalities, and other signs of toxicity. If there was no toxicity, state that there was no compound related toxicity effect.

Results Synopsis

LD_{50}: {.....mg a..i./kg bw} 95% C.I.: {.... to ... mg a.i./kg bw} Probit Slope: {.....}

NOAEL: {.....mg a.i./kg bw}

Endpoint(s) Affected: {.....}

B. MATERIALS AND METHODS

1. Test Organism:

Species (common and scientific names): EPA recommends using either northern

Bobwhite [*Colinus virginianus*] or mallard [*Anas platrhynchos*]. Species that can be used in addition to northern bobwhite or mallard but are not preferred as an alternative include: pigeon [*Columba livia*], Japanese quail [*Coturnix coturnix japonica*], ring-necked pheasant [*Phasianus colchicus*], and red-legged partridge [*Alectoris rufa*], may be tested. If species other than the northern bobwhite or mallard are used,it is important that they are responsive to the conditions of the test and do not avoid exposure to the test material through fasting.

Age at study initiation: young adults of both sexes, not yet mated, and at least 16 weeks old at time of dosing.

Weight at study initiation: (mean and range): Birds are typically uniform in size and weight and phenotypically indistinguishable from *wild birds*

Source:

2. STUDY DESIGN:

1. Experimental Conditions

a) Range-finding study: If a range-finding study was conducted, briefly outline the test concentrations and other relevant conditions. Indicate the results from the preliminary study that were used to determine the conditions for the definitive study.

b) Definitive Study

Table X. Experimental Parameters

Parameter	Details	Remarks
Conditions (same as test or not): Feeding: Health (any mortality observed):		
Pen size and construction materials		
Test duration		
Dose preparation (Indicate method of confirmation of dose)		
Dose levels Nominal: Measured:		
Solvent/vehicle, if used Type: Amount/bw:		
Number of birds per groups/treatment Negative control: Solvent/vehicle control: Treated:		
Test conditions Temperature: Relative humidity: Photoperiod:		
Reference chemical, if used Name: Concentrations tested:		

2. Observations:

Table X: Observations

Criteria	Details	Remarks
Parameters measured (mortality/individual body weight at test initiation and termination/ mean feed consumption/ others)		
Indicate if the test material was regurgitated		
Groups on which necropsies were performed		
Observation intervals		
Were raw data included?		

3. Statistics:

List the parameters that were analyzed and the statistical tests that were performed. A copy of the statistical methods from the study may be attached.

C. RESULTS AND DISCUSSIONS (OBSERVATIONS):

1. MORTALITY:

Briefly summarize mortality; indicate if there was a dose-response effect; slope values, if provided. Compare with reference chemical toxicity test endpoints.

Table X: Effect of {Test Material} on Mortality of {Test Organism}

Treatment (mg a.i./kg bw)		No. of Birds	Cumulative Mortality				
			day 1	day 2	day 3	day 4	day n
Solvent/vehicle control							
Test dose 1							
Test dose 2							
Test dose 3							
Test dose n							
NOEL							
LD_{50}							
Reference chemical	Mortality						
	LD_{50}						
	NOAEL						

2. SUBLETHAL TOXICITY ENDPOINTS:

Briefly summarize behavioral abnormalities; other signs of toxicity (body weight loss, food consumption, organ effects, etc.). Indicate effects that were related to the chemical properties of the test material. Compare the sub-lethal effects with that of the reference chemical.

Table X: Sub-lethal Effect of {Test Material} on {Test Organism},

Treatment (mg a.i./kg bw)		**Observation**						
		body weight			**food consumption**			**other endpoint**
		day 0	**day x1**	**day x2**	**day 0**	**day x1**	**day x2**	**% affected**
Negative control								
Test dose 1								
Test dose 2								
Test dose 3								
Test dose n								
NOAEL								
EC_{50}								
Reference chemical	effect							
	NOAEL							
	LD_{50}							

D. CONCLUSIONS:

Indicate the acceptability classification. Provide the major conclusions, e.g., values for LD_{50} (95% confidence interval), probit slope (95% confidence interval), NOAEL, and sub-lethal effects.

8. ACUTE TOXICITY TO FISH

A. EXECUTIVE SUMMARY:

In a 96-hr acute toxicity study, {common name and scientific name} were exposed to {test chemical} at {nominal and/or measured} concentrations of {control, solvent control, x_1, x_2, x_3.....x_n mg a.i/L} under static/static renewal/flow-through conditions. The 96-hr LC_{50} was .....mg a.i/L. The NOAEC based on mortality/sub-lethal effects, was .... mg a.i/L (optional). Sublethal effects {list effects} were observed in the groups exposed to {list corresponding concentration(s)} of {test material}. Based on the results of this study, {test material} would be classified as {toxicity classification} to {test species} in accordance with U.S. EPA's classification system.

B. MATERIALS AND METHODS

1. Test organism:

Species

Age at test initiation: {mean and range in days}

Weight at study initiation: {mean and range}

Length at study initiation: {mean and range}

Source:

STUDY DESIGN:

Experimental Conditions

a) Range-finding Study: If a range-finding study was conducted, briefly outline the test concentrations and other relevant conditions. Indicate the results from the preliminary study that were used to determine the conditions for the definitive study.

b) Definitive Study:

Table X. Experimental Parameters

Parameter	Details	Remarks
Acclimation Period: Conditions: (same as test or not) Feeding: Health: (any mortality observed)		
Duration of the test		
Test condition static/static renewal/flow-through Type of dilution system for flow-through method. Renewal rate for static renewal		
Aeration, if any		
Test vessel Material: (glass/stainless steel) Size: Fill volume: Loading:		
Source of dilution water Quality:		
Water parameters Hardness (freshwater) pH Dissolved oxygen Total Organic Carbon Particulate matter Metals Pesticides Chlorine Alkalinity Conductivity COD (when testing cationic compounds) Temperature {Salinity for marine or estuarine species} Intervals of water quality measurement		

Parameter	Details	Remarks
Test concentrations: Nominal (corrected/uncorrected): Measured:		
Solvent (type and concentration if used)		
Number of replicates/group Negative control: Positive control: treatments:		
Number of organisms / replicate/group: Negative control: Positive control: Treatments:		
Biomass loading rate		
Lighting		
Feeding		
Recovery of chemical Level of Quantitation Level of Detection Method recoveries % of nominal		
Stability of chemical in the test system		
Variability of chemical in the test system		
Positive control {if used, indicate the chemical and concentrations}		
Other parameters, if any		

2. Observations:

Table X: Observations

Parameter	Details	Remarks
Parameters measured including the sub-lethal effects/toxicity symptoms		
Observation intervals		
Were raw data included?		

Other observations, if any		

Statistics:

List the parameters that were analyzed and the statistical tests that were performed. A copy of the statistical methods from the study may be attached.

C. RESULTS and DISCUSSIONS (OBSERVATIONS):

A. MORTALITY:

Briefly summarize mortality; indicate if there was a concentration-response effect; probit slope of concentration-response curve, if it can be calculated.

Table X: Effect of {Test Material} on Mortality of {Test Organism}.

Treatment (mg a.i./L) [record measured and nominal conc. used]	No. of fish at start of study	Observation period							
		24-hr		48-hr		72-hr		96-hr	
		No. Dead	% mortality	No. Dead	% mortality	No. Dead	% mortality	No. Dead	% mortality
Negative control (dilution water only)									
Positive control, if used (indicate carrier concentration)									
Test concentration 1									
Test concentration 2									
Test concentration 3									
Test concentration 4									
Test concentration 5									
Test concentration n									
NOAEC									
LC_{50}									
Probit slope, if applicable									

B. NON-LETHAL TOXICITY ENDPOINTS:

Briefly summarize behavioral abnormalities or other signs of toxicity. Indicate effects that were related to the chemical properties of the test material. Compare the sub-lethal effects with that of the reference chemical.

Table X: Sub-lethal Effect of {Test Material} on {Test Organism}.

Treatment (mg a.i./L) [record measured and nominal concentrations used]	Observation period											
	Endpoint 1 (% affected)				Endpoint 2 (% affected)				Endpoint 3 (% affected)			
	24 h	48 h	72 h	96 h	24 h	48 h	72 h	96 h	24 h	48 h	72 h	96 h
Negative control (dilution water only), if used												
Positive control, if used (indicate carrier concentration) % sub-lethal effect: EC_{50}												
Test concentration 1												
Test concentration 2												
Test concentration 3												
Test concentration n												
NOAEC												

D. CONCLUSIONS:

Provide the major conclusions, e.g., values for LC_{50} and NOAEC.

9. ACUTE HONEYBEES TOXICITY (Oral & Contact)

A. Executive Summary:

In a *[#]*-day *[oral or dietary]* toxicity and pathogenicity study, *[common name (scientific name)]* were exposed to a *[single OR #]* dose of *[dose amount]* of *[formulation, note its potency, biological activity or concentration per unit weight or volume]* (containing % *a.i. name*) by *[indicate exposure method]*. *[Include other pertinent details such as the controls used.*

The *[#]*-day LD50 was *[=, > or <] [insert LC50 in appropriate units]* (95% C.I. *-if applicable*). *[If the study included sublethal test endpoints and/or sublethal effects were observed and/or additional subchronic testing was triggered include the following text (otherwise-delete):* The EC50 based on sublethal effects, were *[insert EC50 in appropriate units.]* The NOEC value, based on mortality *[and sublethal effects]*, was *[=, > or <] [insert NOEC in appropriate units]*.

This study is classified as *[acceptable, unacceptable, and supplemental]*. This study was *[not]* conducted in accordance with the guideline recommendations for a *[oral or dietary]* toxicity and pathogenicity study for honey bees in the *[species]*.

B. MATERIALS AND METHODS:

1. Test Organism:
Species (common and scientific names): *[Indicate the species used.]*
Age at test initiation: *[Give the age of the test organisms.]*
Strain/Source: [Report the strain, supplier and/or source of the test organism.]
Date of collection: *[Insert the date of collection, if applicable.]*
2. STUDY DESIGN AND METHODS:
a. Experimental Methods and Conditions
Acclimation:
Duration:
Feeding:
Water:
Temperature:
Relative humidity:
b. Test chamber - description and size:
c. Route(s) of exposure:[Describe route of exposure and topical application apparatus, if applicable.]
d. Dose levels / test concentrations:
e. Preparation of dose or test concentration:
f. Confirmation of MPCA viability: [Describe methods used to confirm the concentration and/or viability of the MPCA in the dosing suspensions.]
g. Positive control / reference material: *[if used]* **[Insert a description of the reference material, with the number of arthropods treated and frequency of testing (if not concurrent).]**
h. Number of bees per chamber:
i. ***Control(s): Treatment(s):***
j. Number of replicates (chambers) per treatment:
k. Recovery of MPCA from bees: *[if applicable]* **[Describe methods used to recover the MPCA from collected samples.]**

l. **Feeding: [Describe the feeding regime used during the experiment.]**
m. **Test Conditions** Temperature: Humidity: Lighting:
n. **Duration of the study:**
o. **Other methods or conditions, if any:**

C. RESULTS AND DISCUSSIONS (OBSERVATIONS):

1. Parameters measured including sub-lethal effects/toxicity symptoms:

[List the parameters measured during the experiment, e.g., mortality, survival, abnormal behaviour or appearance, fecundity, growth inhibition, concentration of the MPCA in the test suspensions. Provide references to data summary tables, if used.]

Observation/measurement intervals:

[List time points for each parameter measurement and observation.]

2. VIABILITY OF DOSING SUSPENSIONS: *[Summarize the dose verification data and indicate if the tested sample was still viable.]*

TABLE *[#].* Viability of *[test substance]* in the *[dosing suspension/diet]* administered to honey bees (*Apis mellifera*) in a *[contact, acute oral or dietary]* test.

Dose Group	**Nominal Concentration *[units]***	**Measured Concentration *[units]***
Solvent/vehicle control		
Inactivated		
Sterile filtrate control		
Maximum hazard dose		
Negative control		

3. MORTALITY:

[[Briefly summarize mortality results (if any). If values for LD50, LC50, LT50, NOEL, NOEC are greater than the MHD level, use < symbol. Comment on dose response relationship; Slope of response, if provided. Compare the mortality with control treatment and/or the reference chemical. Data may be summarized in a table such as those presented below. Modify table to accommodate differences in experimental design.]

TABLE *[#].* Effect of *[test material]* on cumulative mortality of honey bees (*Apis mellifera*) in a *[contact, acute oral or dietary]* test.

Treatments *[indicate if nominal or measured (measured should be used, if provided)]*		**No. of Bees**	**Observation Period**					
			Day x1		***Day x2***		***Day n***	
			No. Dead	**% Mortality**	**No. Dead**	**% Mortality**	**No. Dead**	**% Mortality**
Negative control								
Solvent control, if used								
test concentration 1								
test concentration 2								
test concentration3								
test concentration 4								
test concentration n								
LD50/LC50 *[insert [>] if greater than]*								
NOEL/NOEC *[insert [>] if greater than]*								
Reference chemical	*Mortality (% or No.)*							
	LD50: LC50:	*[insert [>] if greater than]*						
	NOEL NOEC	*[insert [>] if greater than]*						

[a Use superscript and footnote to indicate values that are statistically significantly different from control.]

4. SUB-LETHAL TOXICITY EFFECTS:

[Include if any sub-lethal effects are observed- Briefly summarize behavioural abnormalities or other signs of toxicity. Indicate effects that were related to the t*est-material. Compare sub-lethal effects with control treatment and/or the reference chemical. Data may be summarized in a table such as those presented below. Modify tables to accommodate differences in experimental design. For acute oral and dietary, provide information about palatability of the treated diet, rate of consumption of diet in treated and untreated groups.]*

TABLE *[#].* Effect of *[test material]* on *[endpoint]* of honey bees (*Apis mellifera*) in a *[contact, acute oral or dietary]* test.

Treatments *[indicate if nominal or measured (measured should be used, if provided)]*	**Observation Period**					
	Day x1		***Day x2***		***Day n***	
	endpoint 1	**% Affected**	***endpoint 2***	**% Affected**	***endpoint n***	**% Affected**
Negative control						
Solvent control, if used						
test concentration 1						
test concentration 2						
test concentration3						
test concentration 4						
test concentration n						
ED50/EC50 or other sublethal endpoint *[insert [>] if greater*						
NOEL/NOEC *[insert [>] if greater*						
Reference chemical	*LC50/ LC50*	*[insert [>] if greater than]*				
	NOEL/ NOEC	*[insert [>] if greater than]*				

D. CONCLUSIONS

Values for LD50, LC50, LT50, EC50, NOEL, NOEC, Probit slope, Endpoint(s) Affected: etc. were [=, > or <] insert final dose concentration/level (in appropriate units).]

10. ACUTE TOXICITY TO EARTHWORMS

A. Executive Summary:

In a..... day acute toxicity study, earthworms {species} were exposed to {test chemical} at {0, x1, x2, x3,...x_n mg a.i./kg dry weight of soil/artificial substrate}. The reference chemical used was..... (name) at x mg a.i/kg d w of the soil/substrate. The ..... day LC_{50} was..... mg a.i/kg dw of soil/substrate. The..... day EC_{50} was ..... mg a.i/kg dw of soil/substrate. The..... day NOAEC, based on [indicate parameter used] was x mg a.i./kg d.w. of soil/substrate. The LOAEC, based on [indicate parameter used] was x mg a.i./kg d.w. of soil/substrate. The {a.i.} is considered to be {non-toxic/toxic} to earthworms up to/above a concentration of {X} mg a.i./kg d.w of soil/substrate.

Briefly describe the mortality and other toxic effects that were observed. If toxicity or abnormalities were not observed, state that there were no compound related toxicity effects.

Results Synopsis

Test Organism Size/Age (mean weight or length):

Test Type (Flow-through, Static, Static Renewal):

LC_{50}: {.....mg a..i./kg dw soil} 95% C.I.: {.... to ... mg a.i./kg dw soil}

NOAEL: {.....mg a.i./kg dw soil}

Probit Slope: {.....} 95% C.I.: {.... to ... }

EC_{50}: {.....mg a.i./kg dw soil} 95% C.I.: {.... to ... mg a.i./kg dw soil}

Endpoint(s) Affected: {.....}

B. MATERIALS AND METHODS

1. Test organism:
Species: {common and scientific names} :OECD recommend *Eisenia fetida andrei* (Bouche). The earthworms should weigh 300-600 mg at the beginning of the test.
Age at test initiation: (mean and range)
Weight at study initiation: (mean and range)
Source:

2. STUDY DESIGN:

1. Experimental Conditions

a. Range-finding Study: If a range-finding study was conducted, briefly outline the test concentrations and other relevant conditions. Indicate the results from the preliminary study that were used to determine the conditions for the definitive study.

b. Definitive Study

1. Soil: Indicate if an artificial or natural soil was used. If an artificial soil is used, provide the composition, pH and moisture content. If a natural soil was used, complete the following table.

Table X: Physicochemical Properties of Natural Soil

Property	**Value**	**Remarks**
For natural soil: Texture: % sand % silt % clay Textural classification: For artificial substrate (provide composition):		
pH (__:__ soil:water)		
Organic carbon (%)		
Moisture (%)		

Table X . Experimental Design

Parameter	Value	Remarks
Acclimation: Duration: Conditions (state if same as the test conditions): Health:		
Soil [fresh or stored]		
Test Container Material Size Amount of soil/substrate		
No. of replicates: Per treatment group: Per control:		
No. of earthworms per treatment		
Solvents used or not (if yes report the name and concentration)		
Rates of application: Nominal: Measured:		
Reference chemical (if used) name: Concentration:		

Parameter	Value	Remarks
Test conditions: Temperature Lighting conditions Moisture		
Duration of the study		

2. Observations:

Table X: Observations

Parameters	**Details**	**Remarks**
Observation intervals		
Parameters measured including the sublethal effects/toxicity symptoms		
Were raw data included?		
Other observations, if any		

3. **Statistics:** List the parameters that were analyzed and the statistical tests that were performed. A copy of the statistical methods from the study may be attached.

C. RESULTS AND DISCUSSIONS (OBSERVATIONS):

1. MORTALITY: Briefly summarize mortality; dose response relationship and slope of dose-response curve, if provided; compare with reference toxicity end points.

Table X: Effect of {Test Material} on Mortality of {Species}

Treatment (mg a.i./kg soil) [record measured and nominal conc. used]	Observation period					
	Day x		Day x		Day x	
	No Dead	% mortality	No Dead	% mortality	No Dead	% mortality
Control						
Test concentration 1						
Test concentration 2						
Test concentration 3						
Test concentration n						
NOAEC						
LOAEC						
LC_{50}						
Reference chemical (% mortality; LC_{50})						

2. SUB-LETHAL TOXICITY ENDPOINTS:

Briefly summarize signs of sub-lethal toxicity. Indicate any results related to the chemical properties of the test material.

Table X: Sub-lethal Effect of {Test Material} on {Species}. [Indicate if average weight used]

Treatment (mg a.i./kg soil) [indicate if measured or nominal conc. used]	Observation period					
	Day x		Day x		Day x	
	weight	% loss	weight	% loss	weight	% loss
Control						
Test concentration 1						
Test concentration 2						
Test concentration 3						
Test concentration n						
NOAEC						
LOAEC						
EC_{50}						
Reference chemical (% mortality; LC_{50})						

D. CONCLUSIONS: Provide the major conclusions, e.g., values for EC_{50}, LC_{50}. NOAEC, and LOAEC.

TOXICOLOGY SCRTINY TEMPLATE

[9(3)TIM-Register Product)]

1. GENERAL INFORMATIONS:

1.	Application Details (category etc.)		
2.	Test Substance/Chemical Details (Common Name, IUPAC Name, CAS N. Batch N.)		
3.	Assay Purity/Active ingredient Content %		
4.	Type of Pesticides (Insecticide/ Fungicide/ Herbicide etc.)		
5.	Decoding Certificates details		
6.	Product Schedule Inclusion Details		
7.	Source of Technical Material [Information on registered source and its chemical composition. (Including RC decision or CR etc.)]		
8.	Source of manufacturer and supplier		

2. RTT PERMIT (If applicable)

RTT PERMIT DETAILS						
Permit Number	Name of The Insecticide/Chemical	Quantity Approved	Name of The Importer	Name of The Manufacturer	Source of Procurement	Purpose of Import

3. LABEL & LEAFLET

LABEL AND LEAFLET							
Chemical Composition	Precautions	Symptoms of Poisoning	Cautionary Statement	First Aid	Antidote	Toxicity Triangle	Pictogram Details

4. TEST SUBSTANCE & FORMULATION

1.	Physicochemical property		
2.	Adjuvants details		
3.	Compatibility		

1. STUDY DETAILS (Applicable for all studies)

S. No.	Parameters							
1.	Study Report No. & Type							
2.	Sponsor (Name and Address)							
3.	Test Facility (Name and Address)							
4.	Test Guideline (OECD/EPA etc.)							
5.	Study Initiation Date							
6.	Study Completion Date							
7.	CoA Attached (Yes/No)							
8.	IAEC No.							
9.	NGCMA GLP Certificate (Validity up to)							

2. STUDY DESIGN/METHODOLOGY (Applicable for all studies)

S. No.	Parameters						
1.	Species/Strain						
2.	No. and sex of animals per dose						
3.	Age and Body weight range at dosing						
4.	Doses/concentrations						
5.	Vehicle & positive control						
6.	Route of administration						
7.	Fasting Details (Duration)						
8.	Housing conditions (Temperature, Relative Humidity, Light cycle)						
9.	Diet and water report (source)						
10.	Feed analysis certificate						
11.	Acclimatization period and grouping						
12.	Dosing Schedule/ Single or repeated,						
13.	Rationale for dose selection						
14.	Homogeneity Analysis: *[range]*						

	Stability Analysis: *[range of values]* **Concentration Analysis:** *[range of values], if applicable*						
15.	**Any deviation from protocol or amendments**						

1. ACUTE ORAL TOXICITY RAT

Executive Summary:

In an acute oral toxicity study groups (#/sex) of strain, species (source), (age, weight) were given a single oral dose of (formulation/technical, note a.i. and %) in (vehicle or undiluted test article) at doses of??? or??mg/kg bw. Animals were then observed for (#) days.

Study Endpoints:

Oral LD_{50} = mg/kg bw

Toxicity based on the LD_{50} in males or females whichever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV.

Dose (mg/kg b.w)	Mortality/Number Tested Males/ Females	Morbidity/Number Tested Males/ Females	Survived/ Number Tested Males/ Females

Statistics/If any: The oral LD_{50} was calculated using the

Observations:

A. Morality: as noted in table.
B. Clinical observations including signs & symptoms:
C. Gross Necropsy/ pathological findings:
D. Weight changes:

Conclusions:

2. ACUTE DERMAL TOXICITY RAT

Executive Summary:

In an acute dermal toxicity study, groups (#/sex) of strain, species (source), (age, weight) were dermally exposed to (formulation/technical, note a.i. and %) in (vehicle or undiluted test article) to (% or amount of body surface area) at doses of, or mg/kg bw. Test sites were covered with a(n) occlusive/semi-occlusive dressing for (#) hours. Animals were then observed for (#) days.

Study Endpoints:

Dermal LD_{50} = mg/kg bw
Toxicity based on the LD_{50} in males or females whichever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV.

Dose (mg/kg b.w)	Mortality/Number Tested Males/ Females	Morbidity/Number Tested Males/ Females	Survived/ Number Tested Males/ Females

Statistics/If any: The Dermal LD_{50} was calculated using the
Observations:

A. **Morality:** as noted in table.
B. **Clinical observations including signs & symptoms:**
C. **Gross Necropsy/ pathological findings:**
D. **Weight changes:**

Conclusions:

3. ACUTE INHALATIONAL TOXICITY RAT

Executive Summary:

In an acute inhalation toxicity study, groups (#/sex) of strain, species (source), (age, weight) were exposed (nose only, head only or whole body) via the inhalation route to (formulation/technical, note a.i. and %) in (name of vehicle or undiluted test article) for [#] hours at concentrations of mg/L. Animals were then observed for [#] days.

Study Endpoints:

LC_{50} = mg/L

Toxicity: based on (males or females whichever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV.

Nominal Conc. (mg/L)	Actual Conc. (Gravimetric/ Analytical) (mg/L)	MMAD	GSD	Mortality/Number Tested	Morbidity/Number Tested	Survived/ Number Tested
				Males/ Females	Males/ Females	Males/ Females

Test Atmosphere /Chamber Description:

Chamber Volume:	
Airflow:	
Temperature:	
Relative Humidity:	
Time to Equilibrium:	

Test the atmosphere concentration:
Particle size determination:
Statistics/if any: The LC_{50} was calculated using the
Observations:

A. **Morality:** as noted in table.
B. **Clinical observations including signs & symptoms:**
C. **Gross Necropsy/ pathological findings:**
D. **Weight changes:**

Conclusions:

4. ACUTE EYE IRRITATION RABBIT

Executive Summary:

In an acute eye irritation study, (volume or weight of test material applied) of (formulation/technical, note a.i. and %) in (name of vehicle if appropriate, or undiluted test material) was instilled into the conjunctival sac of (which eye) of (#/sex), (strain), (species - rabbits) (source, age, weight) for [#] hours. (Note if eyes were washed) Animals were then observed for *[#]* days. Irritation was scored by the method as per guideline.
In this study, formulation/technical is not an eye irritant OR is minimally, mildly, moderately, severely, or extremely irritating to the eye based on GHS/EPA Toxicity Category I, II, III, IV.

	Number "positive"/number tested							
	Hours				**Days**			
Observations	1	**24**	**48**	**72**	**4**	**7**	**14**	**21**
Corneal Opacity								
Iritis								
Redness								
Chemosis								
Discharge								
Conjunctivae:								

Clinical observations including ocular signs & symptoms/ reactions:
Conclusion:

5. ACUTE DERMAL IRRITATION/PRIMARY SKIN IRRITATION RABBIT

Executive Summary:

In a primary skin irritation study, (#/sex) strain, species (source), (age, weight) were dermally exposed to (volume or weight of test material applied) of (formulation/technical, note a.i. and %) in (name of vehicle or undiluted test material) to (% or amount of body surface area - state location of test site). Test sites were covered with a(n) occlusive/semi-occlusive dressing for (#) hours. Animals were then observed for [#] days. Irritation was scored by the method of (cite method).

In this study, formulation/technical is not a dermal irritating OR is corrosive to the skin based on. GHS/EPA Toxicity Category I, II, III, IV.

	Number "positive"/number tested			
	Hours			
Observations	1	24	48	72
Erythema and Eschar Formation				
Oedema				

Observations:

Results:

Conclusions:

6. SKIN SENSITIZATION GUINEA PIG/LLNA

Executive Summary:

In a dermal sensitization study with (formulation/technical, note a.i. and %) in (name of vehicle if appropriate or undiluted test article), strain, species (source)(age, weight) were tested using the method of (cite study type). Identify positive control material. List clinical signs (systemic and local for LLNA) and mortality. Necropsy results for LLNA **if significant.**

Results and discussion:

A. Reactions and duration:

B. Positive control:

C. Conclusions:

OBSERVATIONS FOR MAXIMIZATION TEST (GPMT) AND BUEHLER TEST:

a. Justification for positive control other than mentioned in guideline:

b. Dose Range Finding Study (DRFS) result:

c. Treatment and control skin reaction observation

Group		Skin reaction observation (dermal scoring)		
		21 hours of patch removal	Approx. 48 hours post challenge application	Approx. 72 hours post challenge application
Treatment group	Male			
Naïve control				
Treatment group	Female			
Naïve control				

0 = no visible change 1 = discrete or patchy erythema 2 = moderate and confluent erythema 3 = intense erythema and swelling

d. **Result of positive control for reliability check:**

e. **Clinical observations if any,**

histopathological examination	
skin fold thickness	

OBSERVATIONS FOR LOCAL LYMPH NODE ASSAY (LLNA) TEST:

Observations	Results
Dose Range Finding Study (DRFS) result:	
Clinical Observations	
Body weights changes	
Ear erythema measurements	
Ear thickness measurements	
Statistical tool used	
DPM of positive control (mean and associated error term)	
Stimulation index of positive control (concurrent/ historical)	
DPM of treatment group (mean and associated error term)	
Stimulation index of treatment group	
DPM of vehicle control group (mean and associated error term)	
Stimulation index of Vehicle control group (if any)	

DPM: Disintegration Per Minute

7. *IN VITRO* BACTERIAL GENE MUTATION *(Bacterial system, Salmonella typhimurium; E. coli)*/ mammalian activation gene mutation assay
(Mutagenicity: AMES Test, 2 In Vitro, 1 In Vivo]

A. Executive Summary:

In a reverse gene mutation assay in bacteria (MRID *[number]*), strains *[specify]* of *S. typhimurium [or other acceptable bacterial strains, i.e., E. coli wp2 (pKM101) and WP2uvrA(pKM101)]* were exposed to *[Chemical name, (% a.i., batch/lot #), include solvent if appropriate]* at concentrations of in the presence and absence of mammalian metabolic activation *[specify] in the plate incorporation or pre-incubation procedure [specify]*.

(Chemical name) was tested *[up to cytotoxic (or insoluble) concentrations or limit concentration (5000 g/plate or 5 L/plate), include other details as appropriate]*. *(quantitate if positive for number of revertants e.g., a dose related increase to 782 revertants at the highest concentration vs. 110 revertants in control for strain TA 100)*. The positive controls induced *(did not induce)* the appropriate responses in the corresponding strains.

There was *(no) evidence (or a concentration related positive response)* of induced mutant colonies over background.

B. MATERIALS AND METHODS

1. Control Materials:		
	Negative:	*[e.g., culture medium]*
	Solvent (final conc=n):	
	Positive:	Nonactivation: Sodium azide ____ g/plate TA100, TA1535 2-Nitrofluorene ____ g/plate TA98, TA1538 9-Aminoacridine ___ g/plate TA97, TA1537 Other (list):
		Activation: 2-Aminoanthracene (2-anthramine) g/plate usually all strains Other (list):

2. Activation: S9 derived from *[mark those that apply with x]*								
		induced		Aroclor 1254		Rat		Liver
		non-induced		Phenobarbitol		Mouse		Lung
				None		Hamster		Other *[name]*
				Other *[name]*		Other *[name]*		

Describe S9 mix composition *[if purchased, give details]*:

3. Test organisms: *S. typhimurium* strains *[mark those that apply with x]*								
		TA97		TA98		TA100	TA102	TA104
		TA1535		TA1537		TA1538	list any others	
Properly maintained?							Yes	No
Checked for appropriate genetic markers (*rfa* mutation, R factor)?							Yes	No

4. Test compound concentrations used: *[preliminary cytotoxicity test, if performed and main assay]*

Nonactivated conditions:

Activated conditions:

[Note: list strains used and number of replicates per dose, per strain, per condition along with doses]

C. RESULTS & DISCUSSIONS (OBSERVATIONS) *[Report results of analytical determination if performed]*

A. PRELIMINARY CYTOTOXICITY ASSAY: *[include concentration ranges, activation and nonactivation; strain(s) used; reported results, e.g., cytotoxicity indices (effect on background lawn; reduction in revertant) and solubility]*

B. MUTAGENICITY ASSAY: *[reported results, e.g., induction of revertant - individual plate counts and/or summary given; appropriateness of positive and background (concurrent and/or historical) revertant levels; number of concentration levels used; number of replicate plates; include representative table(s), if appropriate]*

D. CONCLUSION:

8. *IN VITRO* MAMMALIAN CYTOGENETICS ASSAY

A. Executive Summary:

In a mammalian cell cytogenetics assay *[Chromosome aberration or SCE]*(MRID *[number]*), *[cell type, e.g., CHO/V79/L5178Y cell cultures/primary lymphocyte cultures]* were exposed to *[Chemical name, (% a.i.,*

batch/lot #), include solvent if appropriate] at concentrations of 0, x, x, x μg/mL with and/or without metabolic activation *[specify]* for *[give duration of exposure]*.

Chemical name was tested *(up to cytotoxic or precipitating concentrations, or limit concentration, 5000 μg/mL). [include other details as appropriate, quantitate if positive (e.g. a dose related increase to 80% cells with aberrations at the top concentration, or large increase in deletions, rearrangements, etc. vs controls]*. Positive controls induced (did *not* induce) the appropriate response.
There was *(no) evidence (or a concentration related positive response)* of *[Chromosome aberration or SCE]* **induced over background.**

B. MATERIALS AND METHODS

1. Control Materials:		
	Negative control:	*[e.g., culture medium]*
	Solvent control (final conc=n):	
	Positive control:	Nonactivation: (concentrations / solvent)
		Activation: (concentrations / solvent)

2. Activation: S9 derived from *[mark those with x that apply]*

		induced		Aroclor 1254		Rat		Liver
		non-induced		Phenobarbitol		Mouse		Lung
				None		Hamster		Other (name)
				Other (name)		Other (name)		

Describe S9 mix composition: *[if purchased, give details]*

3. Test cells: mammalian cells in culture *[identify cell line or primary cell culture (if human lymphocytes, describe subjects, e.g., donor's health, status, sex, smoker]*

	V79 cells (Chinese hamster lung fibroblasts)			
	Human lymphocytes			
	Chinese hamster ovary (CHO) cells			
Media: (identify)				
Properly maintained?		Yes		No
Periodically checked for *Mycoplasma* contamination?		Yes		No
Periodically checked for karyotype stability?		Yes		No

4. Test compound concentrations used: *[For preliminary cytotoxicity test, if performed, and main assay]*

	Nonactivated conditions:	
	Activated conditions:	

5. TEST PERFORMANCE

1. Preliminary Cytotoxicity Assay *[if performed, describe method; i.e., cell cycle kinetics, mitotic index, trypan blue, monolayer confluency, cloning efficience]*:

2. Cytogenetic Assay:

a.	**Cell exposure time:**	Test Material	Solvent Control	Positive Control
	Non-activated:	h	h	h
	Activated:	h	h	h

b.	**Spindle inhibition**	
	Inhibition used/concentration:	
	Administration time:	x hours (before cell harvest)

c.	**Cell harvest time after termination of treatment:**	Test Material	Solvent Control	Positive Control
	Non-activated:	h	h	h
	Activated:	h	h	h

d. Details of slide preparation: *[Describe briefly]*

e. Metaphase analysis

No. of cells examined per dose:				
Scored for structural?		Yes		No
Scored for numerical?		Yes If Y, list *[e.g., polyploid, endoreduplicated cells, etc.]*		No
Coded prior to analysis?		Yes		No

f. Statistical analysis: *[list parameters that were analyzed and the statistical methods]*

C. RESULTS & DISCUSSIONS (OBSERVATIONS) [*Report results of analytical determination if performed]*

1. PRELIMINARY CYTOTOXICITY ASSAY: *[reported results, e.g., include dose range, solubility, and evidence of cytotoxicity, rationale for exposure, harvest times and high dose with and without activation]*

2. *CYTOGENETIC or SCE* ASSAY:

[Reported results, e.g., include appropriateness of negative, solvent and positive control frequencies; appropriateness of dose levels; statistical evaluation; types of structural aberrations for significant dose levels; include representative table, if appropriate]

D. CONCLUSION

9. *IN VITRO* MAMMALIAN CELLS GENE MUTATION ASSAY *(name cell type used)*

Executive Summary:

In a mammalian cell gene mutation assay *[specify locus]* (MRID *[number]*), *[cell type]* cells cultured *in vitro* were exposed to *[Chemical name, (% a.i., batch/lot #), include solvent if appropriate]* at concentrations of x, x, x, x g/mL in the presence and absence of mammalian metabolic activation *[specify]* for *[give duration of exposure]*.
Chemical name was tested *[up to cytotoxic/insoluble/limit concentrations (i.e., 5000 g/mL, 5 L/mL, or 0.01 M), include other details as appropriate. Some quantitation here e.g., induced mutation frequency of $582x10^{-6}$ vs. $78x10^{-6}$ in controls at the top concentration]*. The positive controls *(did/did not)* induce the appropriate response. **There was *(no) evidence (or a concentration related positive response)* of induced mutant colonies over background.**

A. MATERIALS AND METHODS

1. Control Materials:	
Negative control:	*[e.g., culture medium]*
Solvent control (final conc=n):	
Positive control:	Nonactivation:(concentrations / solvent)
	Activation: (concentrations / solvent)

2. Activation: S9 derived from *[mark those with x that apply]*			
induced	Aroclor 1254	Rat	Liver
non-induced	Phenobarbitol	Mouse	Lung
	None	Hamster	Other *[name]*
	Other *[name]*	Other *[name]*	

Describe S9 mix composition: *[if purchased, give details]*

3. Test cells: mammalian cells in culture *[mark those with x that apply]*			
mouse lymphoma L5178Y cells		V79 cells (Chinese hamster lung fibroblasts)	
Chinese hamster ovary (CHO) cells		list any others	
Media: *[Identify]*			
Properly maintained?	Yes	No	
Periodically checked for Mycoplasma contamination?	Yes	No	
Periodically checked for karyotype stability?	Yes	No	
Periodically "cleansed" against high spontaneous background?	Yes	No	

4.**Locus Examined:**		**Thymidine kinase (TK)**	**Hypoxanthine-guanine-phosphoribosyl transferase (HGPRT)**	**Na^+/K^+ ATPase**
	Selection agent:	bromodeoxyuridine (BrdU) *[give conc=n]*	8-azaguanine (8-AG) *[conc=n]*	ouabain*[conc=n]*
		fluorodeoxyuridine (FdU)	6-thioguanine (6-TG)	
		trifluorothymidine (TFT)		
	[Other? (details)]			

5. Test compound concentrations used: *[For preliminary cytotoxicity test, if performed, and main assay]*	
Nonactivated conditions:	
Activated conditions:	

6. Test performance

1. Cell treatment:

a. Cells were exposed to test compound, negative/solvent or positive controls for ___ hours (nonactivated) hours (activated).
b. After washing, cells were cultured for __ days (expression period) before cell selection.
c. After expression, ____ cells/dish (__ dishes/ group) were cultured for ____ days in selection medium to determine numbers of mutants and __ cells/dish (_ dishes/group) were cultured for __ days without selective agent to determine cloning efficiency.
[If mouse lymphoma cells, include information regarding colony sizing]

7. Statistical Methods: *[list parameters that were analysed and the statistical methods used]*

C. RESULTS & DISCUSSIONS (OBSERVATIONS) *[Report results of analytical determination if performed]*

A. PRELIMINARY CYTOTOXICITY ASSAY

[include concentration ranges, activation and nonactivation; reported results, e.g., cytotoxicity and solubility, rationale for dose selection for main study]

B. MUTAGENICITY ASSAY *[reported results, e.g., induction of mutant colonies - individual colony counts and/or summary given; mutant frequencies per 10^6 survivors; positive and background mutant frequencies; inclusion of concentration levels used; number of cultures per concentration; levels of cytotoxicity obtained; appropriateness of cloning efficiencies; include representative table, if appropriate].*

D. CONCLUSION

10. *IN VIVO* MAMMALIAN BONE MARROW ERYTHROCYTES MICRONUCLEUS ASSAY

A. Executive Summary:

In a *(strain)* mouse *[or rats or other acceptable mammalian species]* bone marrow micronucleus assay (MRID *[number]*), *(number/sex/dose)* were treated *[route]* with *Chemical name (% a.i., batch/lot #)* at doses of 0, x, x, or x mg/kg bw. Bone marrow cells were harvested at *(list hours)* post-treatment. The vehicle was *(state vehicle). (Note the route of exposure and if acute or multiple dosing)*
There were *(no)* signs of toxicity *(list if present)* during the study. *[Note, the signs of cytotoxicity, if present, and the quantitative evidence for a positive micronucleus response, if any]*. Chemical name was *(not)* tested at an adequate dose *(based on)*. The positive control induced the appropriate response.

B. MATERIALS AND METHODS

a. Test compound:										
	Dosing:		once		twice (24 hrs apart)		Other *(describe)*			
	Sampling (after last dose):*[mark all that are appropriate]*,		6 hr		12 hr		24 hr		48 hr		72 hr
	Other *[describe]*:									

b. Negative and/or vehicle control:										
	Dosing:		once		twice (24 hrs apart)		Other *(describe)*			
	Sampling (after last dose):*[mark all that are appropriate]*,		6 hr		12 hr		24 hr		48 hr		72 hr
	Other *[describe]*:									

c. Positive control:											
	Dosing:		once		twice (24 hrs apart)				Other *(describe)*		
	Sampling (after last dose):*[mark all that are appropriate]*,		6 hr		12 hr		24 hr		48 hr		72 hr
	Other *[describe]*:										

d. Tissues and Cells Examined:	
	Bone marrow OR other (identify):
	No. of polychromatic erythrocytes (PCE) examined per animal:
	No. of normochromatic erythrocytes (NCE; more mature RBCs) examined per animal:
	Other (if other cell types examined, describe):

e. Details of slide preparation: *[Describe briefly; were slides coded?]*

f. Evaluation Criteria: *[Describe]*

g. **Statistical methods:** *[list parameters that were analyzed and the statistical methods]*

C. RESULTS & DISCUSSIONS (OBSERVATIONS) *[Report results of analytical determination if performed]*

1. PRELIMINARY TOXICITY ASSAY: *[reported results, e.g., include dose range; signs of toxicity - e.g., MTD considerations; clinical signs; number of animals, rationale for dose selection for micronucleus assay]*

2. MICRONUCLEUS ASSAY: *[reported results, e.g., include in life animal observations, induction of micronuclei; appropriateness of negative, solvent and positive control micronucleus frequencies; ratio of PCE/NCE; sex differences (if any); appropriateness of dose levels and route; statistical evaluation; include representative table, if appropriate]*

D. DISCUSSION AND CONCLUSIONS:

11. UNSCHEDULED DNA SYNTHESIS IN MAMMALIAN LIVER CELL CULTURES;

A. Executive Summary:

In an unscheduled DNA synthesis, primary rat hepatocyte cultures were exposed to *[Chemical name, (% a.i., batch/lot #), include solvent if appropriate]* at concentrations of 0, x, x, or x □g/mL for *(duration of exposure).*
Chemical name was tested *[up to cytotoxic or precipitating concentrations, or limit concentration, 5000 □g/mL. (Include other details as appropriate, quantitation if positive e.g. there was a significant increase in number of cells in repair (60% at top concentration vs 1% in controls))]*. The positive controls induced *(did not induce)* the appropriate response.
There was *(no)* evidence *(or a dose related positive response)* that unscheduled DNA synthesis, as determined by radioactive tracer procedures [nuclear silver grain counts] was induced.

B. MATERIALS AND METHODS

1. Cell Preparation:

a. Perfusion Technique:

b. Hepatocyte Harvest/Culture Preparation:

2. TEST PERFORMANCE *[(NOTE: If cells other than hepatocytes are tested, information regarding the S9 activated phase of testing must be included)]*

1. Cytotoxicity Assay: *[if conducted, briefly describe procedure]*

2. UDS Assay:

a. Treatment:

b. Preparation of Autoradiographs/Grain Development:

c. Grain Counting: *[include number of cells scored per dose, derivation of net nuclear grains, whether % cells in repair were scored]*

e. Statistical Analysis: *[list parameters that were analyzed and the statistical methods]*

C. RESULTS AND DISCUSSIONS (OBSERVATIONS): *[Report results of analytical determination if performed]*

1. PRELIMINARY CYTOTOXICITY ASSAY: *[include concentration ranges; reported results, e.g., cytotoxicity and solubility, rationale for dose selection for main study]*

2. UDS assay: *[reported results, e.g., net nuclear grain counts and/or summary; appropriateness of positive controls and background levels (concurrent and/or historical); number of concentration levels evaluated; number of replicates -- 100 cells/group (50 cells/slide); include representative table, if appropriate]*

D. CONCLUSIONS:

TOXICOLOGY SCRUTINY TEMPLATE
[9(3)BIO-PESTICIDES]

Sponsor:
Test Facility Name & GLP Validity:
GLP (Yes/No):
Test Material (% a. i.): (CAS#), Lot/ Batch No.#:

Study Type: Acute Oral Toxicity/Pathogenicity Rat
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:
In an acute oral toxicity study, groups of *[fasted], [age] [strain] [species] [#/sex]* were given a *[single OR #]* oral dose of *[dose amount]* of *[formulation, note its potency, biological activity or concentration per unit weight or volume]* (containing % *a.i. name*). The animals were then observed for a period of up to *[#]* days. *[Identify other control groups, if applicable.]* The oral LD50 of the test substance is ***[=, > or <] [#] mg / kg bw]*** **(95% C.I. if available)** *[note if limit test]* in *[male, female OR both sexes] species OR [both males and females] [species]. [NOTE: include sex-specific LD50 values if different values].*
Based on the results of this study, *[formulation, test material]* showed **[NO, LOW, SLIGHT, MODERATE, HIGH] Toxicity** on *[species]* after exposure to a single oral dose of *[dose level]* mg/kg *[note if limit test] [include EPA Toxicity Category I, II, III or IV]* in the *[species]*.

I. MATERIALS AND METHODS
A. GUIDELINE FOLLOWED:
Deviations from guideline:
B. MATERIALS:
1. Test Material:
Description:
Microbiology:
2. Test Animals:
Species
Strain:
Number of animals/sex:
Age at test initiation:
Weight at test initiation:
Source:
Rationale:
C. STUDY DESIGN AND METHODS:
[Briefly describe the experimental design.]
1. Experimental Methods and Conditions:
Preliminary challenge assay: *[if applicable.]*

Acclimation
: Housing:
Diet: *[describe] ad libitum*
Water: *[describe] ad libitum*
Animal assignment and treatment:
Animals were assigned to the test groups noted in Table 1.
[Following an overnight fast], rats were given a single dose of *[test material name]* by gavage.

TABLE 1. Doses, mortality/animals treated.

Test Group Number *[or Animal No.]*	**Test Substance**	**Dose Level (mg/kg)**	**Mortality (# dead/total # of animals tested)**		
			Male	**Female**	**Combined**
#	*[test material name (%*		#/#	#/#	#/#
#	Control *[if positive or negative controls were tested, differentiate as separate rows]*		#/#	#/#	#/#

Sample preparation: *[Describe all sample preparation procedures.]*
Controls: *[if applicable]*

Samples were prepared.]		
Environmental conditions:	Temperature Humidity Air changes Photoperiod	°C % /h h dark/ h light

Solvent/vehicle: *[if used]*
Duration of study:
Other methods or conditions, if any:

2. **Observations:**
Clinical observations and body weights:
Cage-side observations for *[general condition, appearance, demeanor, mortality and moribundity]* were made *[frequency]*. Body weights were measured *[frequency]*.
Feed consumption: Feed consumption was measured *[frequency]*.

Necropsy: The test animals were *[or were not]* fasted overnight prior to sacrifice. On the day of scheduled sacrifice, animals were *[weighed and anaesthetized using (insert compound name) prior to blood collection/sacrifice by (method)]*. The necropsy included an examination of *[the external surface of the body, all orifices, cranial cavity, and external surface of the brain, the thoracic, abdominal and pelvic cavities and the viscera]*.

Were raw data included?

Other observations, if any:

II. RESULTS

A. **MORTALITY** is given in Table 1. The oral LD50 of the test substance is ***[=, > or < mg / kg*** *bw* (C.I. or standard deviation) *if conducted)] [note if limit test]* in *[species]*.

B. CLINICAL OBSERVATIONS:

C. BODY WEIGHT:

D. FEED CONSUMPTION:

E. NECROPSY:

F. REPORTED STATISTICS:

III. CONCLUSION

Results of the acute oral toxicity study showed *[no]* mortality after a *[single OR #]* oral dose of *[dose amount]* of *[formulation, test substance name]* (containing % *a.i. name*) in *[species]*. Based on the results of this study, the oral LD50 of *[test substance name]* is greater than # mg /kg in *[species]*.

IV. REFERENCES

Study Type: Acute Dermal Toxicity/Pathogenicity Rat
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:
In an acute dermal toxicity study, groups of *[fasted], [age] [strain] [species] [#/sex]* were dermally exposed to *[formulation, note its potency, biological activity or concentration per unit weight or volume]* for # hours to an area of approximately *[% or amount of body surface area]*. Following exposure, the animals were observed for a period of # days. The dermal LD50 of the test substance is *[=, > or < mg test material / kg bw] [note if no mortality occurred, note if limit test]* in *[species]*.
Based on the results of this study, *[formulation/test material]* showed **[NO, LOW, SLIGHT, MODERATE, HIGH] Toxicity** on *[species]* after exposure to a single dose of *[dose level]* mg/kg *[note if limit test]* by dermal route *[include EPA Toxicity Category I, II, III or IV]*.

V. MATERIALS AND METHODS

D. GUIDELINE FOLLOWED:
Deviations from guideline:

E. MATERIALS:
1. Test Material:
Description:
Microbiology:

2. Test Animals:
Species
Strain:
Number of animals/sex:
Age at test initiation:
Weight at test initiation:
Source:
Rationale:

F. STUDY DESIGN AND METHODS:
[Briefly describe the experimental design.]

1. Experimental Methods and Conditions:
Preliminary challenge assay: *[if applicable.]*
Acclimation

: Housing:

Diet: *[describe] ad libitum*

Water: *[describe] ad libitum*

Animal assignment and treatment: Animals were assigned to the test groups noted in Table 1. The test animals were given a single dose of [test material name mg/kg bw and note if limit test] by dermal route. [Describe how the product was applied.]

TABLE 1. Doses, mortality/animals treated.

Test Group Number *[or Animal No.]*	**Test Substance**	**Dose Level (mg/kg)**	**Mortality (# dead/total # of animals tested)**		
			Male	**Female**	**Combined**
#	*[test material name (%*		#/#	#/#	#/#
#	Control *[if positive or negative controls were tested, differentiate as separate rows]*		#/#	#/#	#/#

Sample preparation: *[Describe all sample preparation procedures.]*
Controls: *[if applicable]*

Samples were prepared.]		
Environmental conditions:	Temperature Humidity Air changes Photoperiod	°C % /h h dark/ h light

Solvent/vehicle: *[if used]*
Duration of study:
Other methods or conditions, if any:

2. **Observations:**

Clinical observations and body weights:
Cage-side observations for *[general condition, appearance, demeanor, mortality and moribundity]* were made *[frequency]*. Body weights were measured *[frequency]*.

Feed consumption: Feed consumption was measured *[frequency]*.

Necropsy: The test animals were *[or were not]* fasted overnight prior to sacrifice. On the day of scheduled sacrifice, animals were *[weighed and anaesthetized using (insert compound name) prior to blood collection/sacrifice by (method)]*. The necropsy included an examination of *[the external surface of the body, all orifices, cranial cavity, and external surface of the brain, the thoracic, abdominal and pelvic cavities and the viscera]*.

Were raw data included?
Other observations, if any:

VI. **RESULTS**

G. **MORTALITY** is given in Table 1. The oral LD50 of the test substance is *[=, > or < mg / kg bw* (C.I. or standard deviation) *if conducted)] [note if limit test]* in *[species]*.

H. **CLINICAL OBSERVATIONS:**

I. **BODY WEIGHT:**

J. **FEED CONSUMPTION:**

K. **NECROPSY:**

L. **REPORTED STATISTICS:**

VII. **CONCLUSION**

Results of the acute dermal toxicity study showed *[no]* mortality in *[species]* after dermally exposed to *[test substance name]* (containing % *a.i. name*) for # hours to a body surface area of approximately #%. Based on the results of this study, the dermal LD50 of *[test substance name]* is greater than # mg /kg in *[species]*.

VIII. **REFERENCES**

XI APPENDIX

Appendix I: Description of Skin Reactions	
Evaluation of Skin Reactions	Score
Erythema and eschar formation No	0
Very slight erythema (barely perceptible)	1
Well-defined erythema	2
Moderate to severe erythema	3
Severe erythema (beet redness) to slight eschar formation (injuries in depth)	4

Edema Formation

No edema	0
Very slight edema (barely perceptible)	1
Slight edema (edges of area well-defined by definite raising)	2
Moderate edema (raised approximately 1.0 mm)	3
Severe edema (raised more than 1.0 mm beyond the area of exposure)	4

Note:

IRRITATION SCORE = Erythema Score + Edema Score

Source: Draize, J.H., *Appraisal of the Safety of Chemicals in Foods, Drugs, and Cosmetics*, Assoc. Food and Drug Officials of the U.S., Austin, Texas, 1959.

Study Type: Acute Inhalation Toxicity/Pathogenicity Rat
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:
In an acute inhalation toxicity study (MRID *[number]*), groups of *[age] [strain] [species] [#/sex/group]* were exposed by the inhalation route to *[formulation, note its potency, biological activity or concentration per unit weight or volume]* in *[name of vehicle, if applicable]* for *[#]* hours to *[nose only, head only or whole body]* at concentration*(s)* of *[insert concentration range in appropriate units]*. Animals then were observed for *[#]* days. *[Identify other control groups, if applicable]* Based on the results of this study, the inhalation LC50 of *[formulation]* is greater than *[dose level]* mg/L *[note if limit test] [include EPA Toxicity Category I, II, III or IV]* in the *[species]*. *[Formulation]* is of **[LOW, SLIGHT, MODERATE, HIGH] Toxicity**
This acute inhalation study is classified as *[acceptable, unacceptable (why)]*. This study was *[not]* conducted in accordance with the guideline recommendations for an acute inhalation study (OCSPP 870.1300; PMRA Data Code: M4.9; OECD 403 etc.) in the *[species]*.

IX. MATERIALS AND METHODS

G. GUIDELINE FOLLOWED:

Deviations from guideline:

H. MATERIALS:

1. Test Material:

Description:

Microbiology:

2. Test Animals:

Species

Strain:

Number of animals/sex:

Age at test initiation:

Weight at test initiation:

Source:

Rationale:

I. STUDY DESIGN AND METHODS:

[Briefly describe the experimental design.]

1. Experimental Methods and Conditions:

Preliminary challenge assay: *[if applicable.]*

Acclimatio

n: Housing:

Diet: *[describe] ad libitum*

Water: *[describe] ad libitum*

Animal assignment and treatment: Animals were assigned to the test groups noted in Table 1. [Species] were exposed to [Formulation] by [nose only or whole body] exposure for [duration in hours].

TABLE 1. Concentrations, exposure conditions, mortality/animals treated

Trials	Nominal Conc. (mg/L)	Analytical Conc. (mg/L)	MMAD µm	GSD	Mortality (# dead/total)		
					Males	Females	Combined

Exposure conditions:

Generation of the test atmosphere /chamber description:

Time to equilibrium was. Analytical chemistry

Test atmosphere concentration: [give method and results].

Results are in Table 1 above.

Particle size determination: [give method and results]. Results are in Table 1 above.

Sample preparation: [Describe all sample preparation procedures.]

Controls:

Samples were prepared.		
Environmental conditions:	Temperature Humidity Air changes Photoperiod	°C % /h h dark/ h light

Solvent/vehicle: **[if used] [**

Duration of study:

2. Observations:

Clinical Observations and Body Weights: Cage-side observations for [general condition, appearance, demeanor, mortality and moribundity] were made [frequency]. Body weights were measured [frequency].

Feed Consumption: Feed consumption was measured [frequency].

Necropsy: The necropsy included an examination of [the external surface of the body, all orifices, cranial cavity, and external surface of the brain, the thoracic, abdominal and pelvic cavities and the viscera].

I. RESULTS

A. **MORTALITY** is given in Table 1. *[Include approximate time of deaths, eg. ranged from 3-7 days]*. The acute inhalation LC50 of the test substance is greater than *[dose level]* mg/L in *[species]*, based on the gravimetric chamber concentration.

B. **CLINICAL OBSERVATIONS:**

C. **BODY WEIGHT:**

D. **FEED CONSUMPTION:**

E. **NECROPSY:**

F. **REPORTED STATISTICS:**

II. CONCLUSION

Results of the acute inhalation toxicity showed *[no]* mortality after a *[single OR #]* exposure to *[formulation, test substance name]* (containing % *a.i. name*) via the inhalation route *[nose only, head only or whole body]* exposure to *[species]* after *[#]* hours. Based on the results of this study, the acute inhalation LC50 of *[formulation, test substance name]* is greater than is greater than *[dose level]* mg/L in *[species]*.

References:

Study Type: Acute Pulmonary Toxicity/Pathogenicity Rat
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:
In an acute pulmonary infectivity and toxicity study (MRID *[number]*), groups of *[age] [strain] [species] [#/sex/group]* were exposed by the intratracheal route to *[formulation, note its potency, biological activity or concentration per unit weight or volume]* in *[name of vehicle, if applicable]* at a dose of *[in units of potency, biological activity or concentration per kg bw or animal]*. Animals were then observed for up to *[#]* days. *[Identify other control groups, if applicable]* The pulmonary LD50 of the test substance is ***[=, > or <] [#] mg/ kg bw]*** **(95% C.I. if available)** *[note if limit test]* in *[male, female OR both sexes] [species]. [NOTE: include sex-specific LD50 values if different values].*
Based on the results of this study, *[formulation, test material]* showed **[NO, LOW, SLIGHT, MODERATE, HIGH] Toxicity** on *[species]* after exposure to a single dose of *[dose level]* mg/kg by the intratracheal route *[include EPA Toxicity Category I, II, III or IV]* and *[insert formulation name] [is or is not]* pathogenic in the *[species]*.
This acute pulmonary infectivity and toxicity study is classified as *[acceptable, unacceptable (why)]*. This study was *[not]* conducted in accordance with the guideline recommendations for an acute pulmonary infectivity and toxicity study (OPPTS 885.3150; PMRA: M4.2. OECD Data Code: IIM 5.3.3) in the *[species]*.

X. MATERIALS AND METHODS
J. GUIDELINE FOLLOWED:
Deviations from guideline:
K. MATERIALS:
1. Test Material:
Description:
Microbiology:
2. Test Animals:
Species
Strain:
Number of animals/sex:
Age at test initiation:
Weight at test initiation:
Source:
Rationale:
L. STUDY DESIGN AND METHODS:
[Briefly describe the experimental design.]
1. Experimental Methods and Conditions:
Preliminary challenge assay: *[if applicable.]*
Acclimatio
n: Housing:
Diet: *[describe] ad libitum*
Water: *[describe] ad libitum*

Animal assignment and treatment:
Animals were assigned to the test groups noted in Table 1. *[Briefly describe treatment.] [Following an overnight fast (if applicable)], [species]* were given a single dose of *[test material name]* by the intratracheal route.

TABLE 1. Doses, mortality/animals treated

Test Group Number *[or Animal No.]*	**Test Substance**	**Dose Level (mg/kg)**	**Mortality (# dead/total # of animals**		
			Male	**Female**	**Combined**
#	*[test material name (%*		#/#	#/#	#/#
#	Control *[if positive or negative controls were tested*		#/#	#/#	#/#

Sample preparation: *[Describe all sample preparation procedures.]*

Controls:

Samples were prepared		
Environmental conditions:	Temperature Humidity Air changes Photoperio	*[#]* °C *[#]*% *[#]*/h *[#]*h dark/ *[#]* h light

Solvent/vehicle:
Microbial enumeration:
Sensitivity of detection:
Duration of study:

1. **Observations:**

Clinical observations and body weights: Cage-side observations for *[general condition, appearance, demeanor, mortality and moribundity]* were made *[frequency]*. Body weights were measured *[frequency]*.

Feed consumption: Feed consumption was measured *[frequency]*.

Necropsy and organ weights: Interim sacrifices *[#/sex/group]* were performed on days *[#]*. The test animals were *[or were not]* fasted overnight prior to sacrifice. On the day of scheduled sacrifice, animals were *[weighed and anaesthetized using (insert compound name) prior to blood collection/sacrifice by (method)]*. The necropsy included an examination of *[the external surface of the body, all orifices, cranial cavity, and external surface of the brain, the thoracic, abdominal and pelvic cavities and the viscera]*.

Microbial enumeration: At interim sacrifices, the following tissues were collected from each test animal for organ weight determination and microbial enumeration: *brain, lungs, liver, kidneys, stomach and small intestine (duodenum, jejunum, ileum), caecum, mesenteric lymph nodes, and spleen.*

I. RESULTS

A. **MORTALITY** is given in Table 1. The pulmonary LD50 of the test substance is *[=, > or < mg / kg bw*
(C.I. or standard deviation) *(if conducted)] [note if limit test]* in *[species]*.

B. **CLINICAL OBSERVATIONS:** *[in one or two sentences, state only the prominent clinical signs stressing those believed to be specific for the sample being tested. State the duration of the major clinical signs and state the time when most animals recover. Avoid stressing single animals that persist but mention this phenomenon. Do not state reactions not believed to treatment related. Do not dwell on clinical signs that are most likely due to agonal death. If applicable, note if there was a NOAEL for clinical findings (for acute reference dose consideration during subsequent risk assessment.)]*

C. **BODY WEIGHT:** *[Indicate if the animals gained or lost weight.]*

D. **FEED CONSUMPTION:** *[Indicate if there were any treatment related effects.]*

E. **NECROPSY:** *[single sentence or two as to whether there were any treatment related effects, do not stress effects due to agonal death.]*

F. **ORGAN WEIGHTS:** *[If applicable]*

G. **MICROBIAL ENUMERATION:** *[Summarize the enumeration data and note if a pattern of clearance was achieved.]*

H. **REPORTED STATISTICS:**

II. CONCLUSION

Results of the acute pulmonary toxicity and pathogenicity study showed *[no]* mortality after a single dose of *[test substance name]* (containing % *a.i. name*) by the intratracheal route and *[is or is not]* pathogenic in *[species]*. Based on the results of this study, the pulmonary LD50 of *[Formulation]* is greater than # mg /kg in *[species]*.

REFERENCES

Study Type: Acute Injection Toxicity and Pathogenicity-Rat
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:

In an acute injection toxicity and pathogenicity study, groups of *[age] [strain] [species] [#/sex/group]* were administered by *[intravenous or Intraperitoneal]* injection with *[test substance or TGAI, note its potency, biological activity or concentration per unit weight or volume]* in *[name of vehicle, if applicable]* at a dose of *[in units of potency, biological activity or concentration per kg bw or animal]*. Animals were then observed for up to *[#]* days. *[Identify other control groups, if applicable]*

Based on the results of this study, *[test substance or TGAI]* showed **[NO, LOW, SLIGHT, MODERATE, HIGH] Toxicity** on *[species]* after exposure to a single dose of *[dose level]* mg/kg *[include EPA Toxicity Category I, II, III or IV]* by *[intravenous or Intraperitoneal]* injection and *[test substance name OR TGAI] [is or is not]* pathogenic in the *[species]*.

This acute injection toxicity and pathogenicity study is classified as *[acceptable, unacceptable (why)]*. This study was *[not]* conducted in accordance with the guideline recommendations for an acute injection toxicity and pathogenicity study (OCSPP 885.3200; PMRA Data code: *[M4.3.3 (if Intraperitoneal) OR M4.3.2 (if intravenous)]*; OECD Data Code: IIM 5.3.4) in the *[species]*.

XI. MATERIALS AND METHODS

M. GUIDELINE FOLLOWED:

Deviations from guideline:

N. MATERIALS:

1. Test Material:

Description:

Microbiology:

2. Test Animals:

Species

Strain:

Number of animals/sex:

Age at test initiation:

Weight at test initiation:

Source:

Rationale:

O. STUDY DESIGN AND METHODS:

[Briefly describe the experimental design.]

1. Experimental Methods and Conditions:

Preliminary challenge assay: *[if applicable.]*

Acclimatio

n: Housing:

Diet: *[describe] ad libitum*

Water: *[describe] ad libitum*

Animal assignment and treatment:

Animals were assigned to the test groups noted in Table 1. [Briefly describe treatment] [Following an overnight fast (if applicable)], a single high dose of [test material name OR TGAI] was administered by [intravenous OR Intraperitoneal] injection to [species].

TABLE 1. Doses, mortality/animals treated

Test Group Number *[or Animal No.]*	**Test Substance**	**Dose Level (mg/kg)**	**Mortality (# dead/total # of animals tested)**		
			Male	**Female**	**Combined**
#	*[test material name (%*		#/#	#/#	#/#
#	Control *[if positive or negative controls were tested, differentiate as separate rows]*		#/#	#/#	#/#

Sample preparation: *[Describe all sample preparation procedures.]*

Controls: *[if applicable]*

Samples were prepared.]		
Environmental conditions:	Temperature Humidity Air changes Photoperiod	°C % /h h dark/ h light

Solvent/vehicle: *[if used]*

Duration of study:

2. **Observations:**

Clinical observations and body weights: Cage-side observations for *[general condition, appearance, demeanor, mortality and moribundity]* were made. Body weights were measured *[frequency]*.

Feed consumption: Feed consumption was measured *[frequency]*.

Necropsy and organ weights: Interim sacrifices *[#/sex/group]* were performed on days *[#]*. The test animals were *[or were not]* fasted overnight prior to sacrifice. On the day of scheduled sacrifice, animals were *[weighed and anaesthetized using (insert compound name) prior to blood collection/sacrifice by (method)]*. The necropsy included an examination of *[the external surface*

of the body, all orifices, cranial cavity, and external surface of the brain, the thoracic, abdominal and pelvic cavities and the viscera].

Microbial enumeration: At interim sacrifices, the following tissues were collected from each test animal for organ weight determination and microbial enumeration: *brain, lungs, liver, kidneys, stomach and small intestine (duodenum, jejunum, ileum), caecum, mesenteric lymph nodes, and spleen.*

III. RESULTS

I. **MORTALITY** is given in Table 1. The pulmonary LD50 of the test substance is ***[=, > or < mg / kg*** *bw*
(C.I. or standard deviation) *(if conducted)] [note if limit test]* in *[species].*

J. **CLINICAL OBSERVATIONS:** *[in one or two sentences, state only the prominent clinical signs stressing those believed to be specific for the sample being tested. State the duration of the major clinical signs and state the time when most animals recover. Do not dwell on clinical signs that are most likely due to agonal death. If applicable, note if there was a NOAEL for clinical findings (for acute reference dose consideration during subsequent risk assessment.)]*

K. **BODY WEIGHT:** *[Indicate if the animals gained or lost weight.]*

L. **FEED CONSUMPTION:** *[Indicate if there were any treatment related effects.]*

M. **NECROPSY:** *[single sentence or two as to whether there were any treatment related effects, do not stress effects due to agonal death.]*

N. **ORGAN WEIGHTS:** *[If applicable]*

O. **MICROBIAL ENUMERATION:** *[Summarize the enumeration data and note if any]*

P. **REPORTED STATISTICS:** if any

IV. CONCLUSION

Results of the acute injection toxicity and pathogenicity study showed *[no]* mortality after *[test substance name OR TGAI]* (containing % *a.i. name*) was administered by *[intravenous OR Intraperitoneal]* injection and *[is or is not]* pathogenic in *[species]*. Based on the results of this study, the *[intravenous OR Intraperitoneal]* LD50 of *[test substance name OR TGAI]* is greater than # mg /kg in *[species].*

REFERENCES

Study Type: Acute Dermal Irritation-Rabbit
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:
In a primary dermal irritation study, *[young adult] [strain] [species - rats or rabbits] [#/sex]* were dermally exposed to *[volume or weight applied]* of *[formulation, note its potency, biological activity or concentration per unit weight or volume]* in *[name of vehicle if appropriate]* for *[#]* hours to *[% or amount of body surface area]*. Animals then were observed for *[#]* days. *[Very briefly note type, severity and duration of irritation. Quantification is usually not needed]*. The dermal irritation score was calculated as *[#]*, according to the *[cite method]* scoring system. Based on the results of this study, *[formulation]* is *[not]* a dermal irritant *OR [formulation]* is *[minimally, slightly, mild, moderately, severely, extremely]* irritating to the skin based on *[males or females whichever is lower][species] [Include EPA Toxicity Category I, II, III or IV]*.
This study is classified as *[acceptable, unacceptable (why)]*. This study was conducted in accordance with the guideline recommendations for an acute dermal irritation study (OCSPP 870.2500; PMRA Data Code: M4.5.2; OECD Data Code: 404) in the *(species)*. *[If it does not satisfy the requirement, concisely list only major deficiencies or refer to deficiency section.]*

XII. MATERIALS AND METHODS

P. GUIDELINE FOLLOWED:

Deviations from guideline:

Q. MATERIALS:

1. Test Material:

Description:

Microbiology:

2. Test Animals:

Species

Strain:

Number of animals/sex:

Age at test initiation:

Weight at test initiation:

Source:

Rationale:

R. STUDY DESIGN AND METHODS:

[Briefly describe the experimental design.]

1. Experimental Methods and Conditions:

Preliminary challenge assay: *[if applicable.]*

Acclimatio

n: Housing:

Diet: *[describe] ad libitum*

Water: *[describe] ad libitum*

Animal assignment and treatment:

Animals *[#/sex]* were given a *[single OR #]* dose of *[formulation]* dermally using *[describe*

very briefly methods used - shaved, % coverage, duration of exposure, washing if done, type of wrap if used].

Sample preparation: *[Describe all sample preparation procedures.]*

Controls: *[if applicable] [List all controls (e.g. heat-killed) and, if applicable, describe how the*

Samples were prepared.]		
Environmental conditions:	Temperature Humidity Air changes Photoperiod	°C % /h H dark/h light

Solvent/vehicle: *[if used]*

Duration of study:

2. **Observations:**

Clinical observations and body weights:

Cage-side observations for *[general condition, appearance, demeanor, mortality and moribundity]* were made *[frequency]*. Body weights were measured *[frequency]*.

Dermal observations: Test animals were observed *[frequency]* for *[#]* days following exposure. *[Also give description and reference of irritation scoring method, including formula used for calculations].*

XIII. RESULTS

M. MORTALITY

A. DERMAL OBSERVATIONS:

[Briefly describe irritation patterns if any, including the frequency, duration, type of irritation and scores.] The dermal irritation score was calculated as *[#]*, according to the *[cite method]* scoring system, which classifies *[formulation]* as *[minimally, slightly, mild, moderately, severely, extremely]* irritating in *[species]*. *[Include a table if appropriate]*

For example: A summary of the primary skin irritation scores used for the calculation of Primary Dermal Irritation Index (PDII) is presented in Table 1.

TABLE 1. Summary of Primary Dermal Irritation Scores

Time After Patch Removal	Mean Irritation Scores (# Incidences of positive		TOTAL PDI Score
	Erythe	Edema	
30-60 mins	# (#/#)	# (#/#)	#
24 hrs			
48 hrs			
72 hrs			
Day 7			

B. **CLINICAL OBSERVATIONS:** *[in one or two sentences, state only the prominent clinical signs stressing those believed to be specific for the sample being tested. State the duration of the major clinical signs and state the time when most animals recover. Avoid stressing single animals that persist but mention this phenomenon. Do not state reactions not believed to treatment related. Do not dwell on clinical signs that are most likely due to agonal death. If applicable, note if there was a NOAEL for clinical findings (for acute reference dose consideration during subsequent risk assessment.)]*

C. **REPORTED STATISTICS:** *[if applicable]*

I. **CONCLUSION**

A. *[Summarize the study author's conclusions]* In a acute dermal irritation study, *[species]* were dermally exposed to a *[single OR #]* application of *[dose amount]* of *[formulation, test substance name]* (containing *[#] % a.i. name*) on a *[# size of skin site, usually in cm^2]* dose site on *[species]*. *[Very briefly note type, severity and duration of irritation.]* The dermal irritation score was calculated as *[#]*, according to the *[cite method]* scoring system, which classifies *[formulation]* as *[minimally, slightly, mild, moderately, severely, extremely]* irritating to the skin in *[males or females whichever is lower] [species]*.

REFERENCES

Appendix

Appendix I: Description of Skin Reactions	
Evaluation of Skin Reactions	Score
Erythema and eschar formation	
No erythema	0
Very slight erythema (barely perceptible)	1
Well-defined erythema	2
Moderate to severe erythema	3
Severe erythema (beet redness) to slight eschar formation (injuries in depth)	4

Edema Formation

No edema	0
Very slight edema (barely perceptible)	1
Slight edema (edges of area well-defined by definite raising)	2
Moderate edema (raised approximately 1.0 mm)	3
Severe edema (raised more than 1.0 mm beyond the area of exposure)	4

Note:
IRRITATION SCORE = Erythema Score + Edema Score

Source: Draize, J.H., *Appraisal of the Safety of Chemicals in Foods, Drugs, and Cosmetics*, Assoc. Food and Drug Officials of the U.S., Austin, Texas, 1959.

Study Type: Acute Eye Irritation-Rabbit
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:

In an acute eye irritation study, [volume or weight applied] of [formulation, note its potency, biological activity or concentration per unit weight or volume] in [name of vehicle if appropriate] was instilled into the conjunctival sac of [which eye] [young adult] [strain] [species - rabbits] [#/sex] for [#] hours. [Note if eyes were washed] Animals then were observed for [#] days. [Very briefly note type, severity and duration of irritation. Quantification is usually not needed]. Eye irritation score was calculated as [#], according to the [cite method] scoring system. Based on the results of this study, [formulation] is [is not] an eye irritant OR [formulation] is *[minimally, mildly, moderately, severely, extremely irritating]* to the eye based on *[males or females, whichever is lower] [species] [include EPA Toxicity Category I, II, III or IV].*

This study is classified as [acceptable, unacceptable (why)]. This study was conducted in accordance with the guideline recommendations for an acute eye irritation study (OCSPP 870.2400; PMRA Data Code: M4.9; OECD IIIM 7.1.5/405) in the [species].

XIV. MATERIALS AND METHODS

S. GUIDELINE FOLLOWED:

Deviations from guideline:

T. MATERIALS:

1. Test Material:

Description:

Microbiology:

2. Test Animals:

Species

Strain:

Number of animals/sex:

Age at test initiation:

Weight at test initiation:

Source:

Rationale:

U. STUDY DESIGN AND METHODS:

[Briefly describe the experimental design.]

1. Experimental Methods and Conditions:

Preliminary challenge assay: *[if applicable.]*

Acclimatio

n: Housing:

Diet: *[describe] ad libitum*

Water: *[describe] ad libitum*

Animal assignment and treatment: [Describe number of animals, which eye, procedure, volume of material instilled, washing of eye, observation frequency and duration of observation. Also give description and reference of irritation scoring method]

Sample preparation: *[Describe all sample preparation procedures.]*
Controls: *[if applicable] [List all controls (e.g. heat-killed) and, if applicable, describe how the*

Samples were prepared.]		
Environmental conditions:	Temperature Humidity Air changes Photoperiod	°C % /h H dark/h light

Solvent/vehicle: *[if used]*
Duration of study:

2. **Observations:**

Clinical observations and body weights:
Cage-side observations for *[general condition, appearance, demeanor, mortality and moribundity]* were made *[frequency]*. Body weights were measured *[frequency]*.
Ocular observations: Test animals were observed *[frequency]* for *[#]* days following exposure. *[Also give description and reference of irritation scoring method, including formula used for calculations].*

XV. **RESULTS**

B. **MORTALITY**

C. **OCULAR OBSERVATIONS:** *[Briefly describe irritation patterns if any, including the frequency, duration, type of irritation and scores.]* The eye irritation score was calculated as *[#]*, according to the *[cite method]* scoring system, which classifies *[formulation]* as *[minimally, slightly, mild, moderately, severely, extremely]* irritating in *[species]. [Include a table if appropriate].*
A summary of eye skin irritation scores used for the calculation of the highest mean eye irritation score (represented as the "Maximum Mean Total Score" (MMTS)) for all rabbits using the Kay and Calandra scoring system (Kay and Calandra 1962) is presented in Table 1.

TABLE 1. Summary of Primary Eye Irritation Scores

Time Post Instillation	Mean Irritation Scores (# Incidences of positive effect/animal)			TOTAL Mean Score
	Corneal Opacity	Iritis	Conjunctivitis	
1 hour	# (#/#)	# (#/#)	# (#/#)	#*
24 hours				
48 hours				
72 hours				

* Represents the MMTS (Maximum Mean Total Score) or the time interval with the highest mean eye irritation score

D. **CLINICAL OBSERVATIONS:** *[in one or two sentences, state only the prominent clinical signs stressing those believed to be specific for the sample being tested. State the duration of the major clinical signs and state the time when most animals recover. Avoid stressing single animals that persist but mention this phenomenon. Do not state reactions not believed to treatment related. Do not dwell on clinical signs that are most likely due to agonal death. If applicable, note if there was a NOAEL for clinical findings (for acute reference dose consideration during subsequent risk assessment.)]*

E. **REPORTED STATISTICS:**

II. **CONCLUSION**

[Summarize the study author's conclusions] In an acute irritation study, a *[single OR #]* application of

[volume or weight applied] of *[formulation, note its potency, biological activity or concentration per unit weight or volume]* (containing *[#] % a.i. name*) in *[name of vehicle if appropriate]* was instilled into the *[conjunctival sac OR (other type of application area of eye)]* of *[which eye]* in *[species]* for *[#]* hours. *[Very briefly note type, severity and duration of irritation.]* The eye irritation score was calculated as *[#]*, according to the *[cite method]* scoring system, which classifies *[formulation]* as *[minimally, slightly, mild, moderately, severely, extremely]* irritating in the eyes of *[males or females whichever is lower] [species]*.

REFERENCES

Appendix I: Description of Ocular Reactions

Evaluation of Ocular Reactions

		Score
Cornea		
A.	Opacity - degree of density	
	No opacity	0
	Scattered or diffuse area, details of iris clearly visible	1
	Easily discernible translucent areas, details of iris slightly obscured	2
	Opalescent areas, no details of iris visible, size of pupil barely discernable	3
	Opaque, iris invisible	4
B.	Area of cornea involved	
	One quarter (or less) but not zero	1
	Greater than one quarter, but less than half	2
	Greater than half, but less than three quarters	3
	Greater than three quarters, up to whole area	4
Score =	A × B × 5	
Iris		
A.	Values	
	Normal	0
	Folds above normal, congestion, swelling, circumcorneal injection (any or all these or combination of any thereof), iris is still reacting to light (sluggish reaction is positive)	1
	No reaction to light, hemorrhage, gross destruction (any or all of these)	2
Score =	A × 5	
Conjunctivae		
A.	Redness (refers to palpebral and bulbar conjunctivae excluding cornea and iris	
	Vessels Normal	0
	Vessels definitely injected above normal	1
	More diffuse, deeper crimson red, individual vessels not easily discernable	2
	Diffuse Beefy red	3
B.	Chemosis	
	No swelling	0
	Any swelling above normal	1
	Obvious swelling with partial eversion of lids	2
	Swelling with lids half closed	3
	Swelling with lids about half closed to completely closed	4
C.	Discharge	
	No discharge	0
	Any amount different from normal	1
	Discharge with moistening of the lids and hairs just adjacent to lids	2
	Discharge with moistening of the lids and hairs, and considerable area around the eye	3
Score =	(A + B + C) × 2	

Note: Total irritation score is the sum of all scores obtained for the cornea, iris and conjunctivae.

Source: Draize, J.H., *Appraisal of the Safety of Chemicals in Foods, Drugs, and Cosmetics*, Assoc. Food and Drug Officials of the U.S., Austin, Texas, 1959.

Study Type: Avian Acute Oral Toxicity
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:
In a [#]-day acute oral toxicity and pathogenicity study of [test material] to [#]-day-old [common name of species (scientific name), enter the number of birds per treatment] were exposed to a [single OR #] [indicate exposure method] dose of [indicate doses used, e.g., mg a.i./kg bw and/or CFU/kg bw] of [formulation, note its potency, biological activity or concentration per unit weight or volume] (containing % a.i. name). [Include other pertinent details such as the controls used.]
[Describe toxicity and/or pathogenicity briefly including mortality, behavioral abnormalities, and other clinical signs. If there was no toxicity, state that there was no test material-related toxic or pathogenic effect. Describe microbial clearance, if assessed]
The [#]-day acute oral LD50 was [=, > or <] [insert LD50 in mg a.i/kg bw and/or CFU/kg bw]. The [#]-day NOEL of [test material] to the [species], based on [endpoint] was [=, > or <] [insert NOEL in mg a.i./kg bw and/or CFU/kg bw]. This toxicity [or] infectivity/pathogenicity study is classified as [acceptable / unacceptable / supplemental.] This study was [not] conducted in accordance with the guideline recommendations for an acute oral toxicity and pathogenicity study for birds (OCSPP 885.4050; PMRA: M9.2.1 and OECD: IIM 8.1, IIIM 10.1) in the [species]. [If it does not satisfy the requirement, concisely list only major deficiencies or refer to deficiency section.]

XVI. MATERIALS AND METHODS

V. GUIDELINE FOLLOWED:

Deviations from guideline:

W. MATERIALS:

1. Test Material:
Description:
Microbiology:

2. Test Animals:

3. Test Organism:
Species (common and scientific names): *[Insert names of species used in test.]*
Number of animals/sex:
Age at test initiation:
Weight at test initiation:
Source:
Rationale:

X. STUDY DESIGN AND METHODS:

[Briefly describe the experimental design.]
Experimental Methods and Conditions:
Acclimation:
Duration:
Conditions:
Feeding:
Water:
Temperature:
Health:
Pen size and construction materials:

Method of administration:
Dose levels:
Nominal:
Measured:
Dose preparation:
Solvent/vehicle:
Confirmation of MPCA viability:
[Describe methods used to confirm the concentration and/or viability of the MPCA in the dosing suspensions.]
Number of feed withholding days before dosing:
Positive control / reference material: *[if used]*
Number of birds per group/treatment:
For negative control:
For solvent/vehicle control:
For non-infective control:
For sterile filtrate control:
For treated birds:
Recovery of MPCA from tissues:
Feeding:
Test conditions: *[Describe the test conditions.]*
Temperature:
Ventilation:
Relative humidity:
Lighting:
Photoperiod:
Duration of study:

1. **Observations:**

Parameters measured including sub-lethal effects/toxicity symptoms:
Observation/measurement intervals:
Indicate if the test material was regurgitated:
Testing for infectivity:
Necropsy:

RESULTS

VIABILITY OF DOSING SUSPENSIONS:

TABLE *[#]*. Viability and potency of *[test substance]* in *[dosing suspension/diet]* administered to *[test organism]* over *[#]* days.

Dose Group	Dosing Day	Nominal Dose *[count or potency]* (*insert units*)	Measured Dose *[count or potency]* (*insert units*)
Negative control	1		
	2		
	3		
	4		
	5		

Test dose 1	1		
	2		
	3		
	4		
	5		
Test dose 2	1		
	2		
	3		
	4		
	5		
Test dose n	1		
	2		
	3		
	4		
	5		

[Table suitable for microbial infectivity/pathogenicity (MHD) testing. Modify as appropriate to accommodate differences in experimental design.]

MORTALITY:

TABLE *[#]*. Effect of *[test substance]* on mortality of *[test organism]* exposed by *[dosing method]* over *[#]* days

Treatment		**Cumulative Mortality/Total Number of Birds**		
		Negative Control	**Killed *[test substance]* Control**	***[Test substance]***
Cumulative mortality	*Day 0*			
	Day x1			
	Day x2			
	Day n			
LD_{50} [insert [>] if greater than]				
NOEL [insert [>] if greater than]				

[Table suitable for microbial infectivity/pathogenicity and toxicity (maximum hazard dose testing). Modify as appropriate to accommodate differences in experimental design or delete if acute toxicity test is used.]

TABLE *[#]*. Effect of *[test material]* on mortality of *[test organism]* exposed by *[dosing method]* over *[#]* days

Treatment (mg a.i./kg bw)	**No. of Birds**	**Cumulative Mortality**				
		Day 0	***Day x1***	***Day x2***	***Day x3***	***Day n***
Negative control						
Test dose 1						
Test dose 2						
Test dose 3						
Test dose n						
LD_{50}	*[insert [>] if greater than]*					
NOEL	*[insert [>] if greater than]*					

[Table suitable for chemical acute toxicity (multiple-dose) testing (e.g., U.S. EPA guideline OCSPP 850.2100). Modify as appropriate to accommodate differences in experimental design, or delete if infectivity/pathogenicity and toxicity test used.]

SUBLETHAL TOXICITY ENDPOINTS:

TABLE *[#]*. Mean body weight for control and *[test material]*-treated *[test organism]* measured *[frequency of weighing]*.

Day	**Negative Control**		**Killed *[test substance]* Control**		***[Test substance]***	
	Mean Body Weight (g)	**Mortality** *(% or No.)*	**Mean Body Weight (g)**	**Mortality** *(% or No.)*	**Mean Body Weight (g)**	**Mortality** *(% or No.)*
Initiation						
Day 7						
Day 14						
Day 21						
Day 28						
Termination						
LD_{50} *[insert [>] if greater than]*						
NOEL *[insert [>] if greater than]*						

[Table suitable for microbial infectivity/pathogenicity and toxicity (maximum hazard dose) testing. Modify as

appropriate to accommodate differences in experimental design or delete if acute toxicity test is used.]
[[a] Use superscript and footnote to indicate values that are statistically significantly different from control.]

TABLE *[#].* Mean daily food consumption of control and *[test material]*-treated *[test organism]* measured *[frequency of measurement]*.

Day	Food Consumption (g/duck/day)		
	Negative Control	**Killed *[test substance]* Control**	***[test substance]***
Initiation			
Day 7			
Day 14			
Day	**Food Consumption (g/duck/day)**		
	Negative Control	**Killed *[test substance]* Control**	***[test substance]***
Day 21			
Day 28			
Termination			

[Table suitable for microbial infectivity/pathogenicity and toxicity (MHD) testing. Modify as appropriate to accommodate differences in experimental design or delete if acute toxicity test is used.]

TABLE *[#].* Microbiological analysis of tissue samples from *[test organism]* challenged by *[dosing method]* of *[test material]*.

Tissue	Negative Control	Killed *[test substance]* Control	*[test substance]*			
			Dose x1	***Dose x2***	***Dose x3***	***Dose n***
Blood						
Brain						
Lung						
Liver						
Spleen						
Kidney						
GI tract						
[other tissues]						

[Table suitable for microbial infectivity/pathogenicity (MHD) testing. Modify as appropriate to accommodate differences in experimental design or delete if acute toxicity test is used.]

TABLE *[#]*. Sublethal effect of *[test material]* on *[test organism]* exposed by *[dosing method]* over *[#]* days.

Treatment (mg a.i./kg bw)	**Percent Affected by *[sublethal effect observed, (e.g., lethargy)]***						
	Day 0	***Day x1***	***Day x2***	***Day x3***	***Day x4***	***Day x5***	***Day n***
Negative control							
Test dose 1							
Test dose 2							
Test dose 3							
Test dose n							

Treatment (mg a.i./kg bw)	**Percent Affected by *[sublethal effect observed, (e.g., lethargy)]***						
	Day 0	***Day x1***	***Day x2***	***Day x3***	***Day x4***	***Day x5***	***Day n***
ED_{50}	*[insert [>] if greater than]*						
NOEL	*[insert [>] if greater than]*						

[Table suitable for chemical acute toxicity (multiple-dose) testing (e.g., U.S. EPA guideline OCSPP 850.2100). Modify as appropriate to accommodate differences in experimental design, or delete if infectivity/pathogenicity test used.]

REPORTED STATISTICS: if any

Statistical Method:

	LD_{50}: NOEL:	95% C.I.:
	Probit Slope:	95% C.I.:
III.	**CONCLUSION:**	
A		*[Summarize the study author's conclusions- Provide the major Conclusions e.g., values for LD_{50}, ID_{50} LC_{50}, NOEL, NOEC]*

REFERENCES:

Study Type: Acute Toxicity to fresh Water Fish
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:

In a *[#]*-day *toxicity [or] [infectivity/pathogenicity]* study, *[#] [common name (scientific name)]* were exposed to a *[single OR #] [indicate exposure method]* dose of *[dose amount]* of *[formulation, note its potency, biological activity or concentration per unit weight or volume]* (containing % *a.i. name*) under *[static/flow through]* conditions. *[Include other pertinent details such as the controls used.]*

[Describe findings briefly including mortality, behavioral abnormalities, and other signs of toxicity. If there were no effects, state that there was no test material-related toxic or pathogenic effect.]

The *[#]*-day LC_{50} was *[=, > or <] [insert LC_{50} in appropriate units]*. *[If the study included sub-lethal test endpoints and/or sub-lethal effects were observed and/or additional sub-chronic testing was triggered include the following text:* The EC_{50} based on sub-lethal effects was *[=, > or <] [insert EC_{50} in appropriate units]*. The NOEC value, based on mortality *[and sub-lethal effects (if applicable)]*, was *[=, > or <] [insert NOEC in appropriate units]*.

This study is classified as *[acceptable, unacceptable, and supplemental]*. This study was *[not]* conducted in accordance with the guideline recommendations for a toxicity/pathogenicity study for freshwater fish (OCSPP 885.4200; PMRA: M9.4.1 and OECD: IIM 8.2, IIIM 10.2) in the *[species]*.

XVII. MATERIALS AND METHODS

Y. GUIDELINE FOLLOWED:

Deviations from guideline:

Z. MATERIALS:

1. **Test Material:**
   Description:
2. **Test Organism:**
3. **Species (common and scientific names):**
4. **Age at test initiation:**
5. **Weight at test initiation (mean and range):**
6. **Length at test initiation (mean and range):**
7. **Number of test species:**
8. **Strain/Source:**
9. **Rationale:**

STUDY DESIGN AND METHODS:

10. **Acclimation:**
    Duration:
    Feeding:
    Water:
    Temperature:
11. **Health**
    Test vessel:
    Material:
    Size:
    Fill volume:
    Test system:
    Source of dilution water:

Water parameters:
Dissolved oxygen
pH
Temperature
Hardness
Particulate matter
Total organic carbon (TOD) or chemical oxygen demand (COD)
Metals
Pesticides
Chlorine
Aeration:
Route(s) of exposure:
Test concentrations:
Nominal:
Measured:
Preparation of test concentrations:
Solvent/vehicle:
Confirmation of MPCA viability:
Positive control / reference material: *[if used]*
Number of replicates/groups:
Control(s): Treatments:
Number of organisms per replicate /groups:
Control(s): Treatments:
Biomass loading rate:
Recovery of MPCA from tissues:
Feeding:
Lighting:
Duration of study:

1. **Observations:**
Parameters measured including sublethal effects/toxicity symptoms:
Observation/measurement intervals:
Testing for infectivity:
RESULTS:

WATER QUALITY PARAMETERS:

[Summarize water quality measurements and discuss the acceptability]

TABLE *[#].* Dissolved oxygen, temperature and pH in test suspensions during the *[X]*-day exposure of *[test organism]* to *[concentration]* of *[test substance]* under *[static renewal/flow-through]* conditions.

Parameter	Replicate	Day 0	Day 2		Day 4		*Day –2*		*Day n*
		New	Old	New	Old	New	Old	New	Old
Dissolved oxygen (% saturation or mg/L)	1								
	2								
	n								
	Mean								

Temperature (℃)	1									
	2									
	n									
	Mean									
pH	1									
	2									
	n									
	Mean									

[Table suitable for microbial infectivity/pathogenicity and toxicity testing of the maximum hazard concentration. Modify as appropriate to accommodate differences in experimental design or delete if acute toxicity test or multiple concentrations are used.]

TABLE *[#].* *[Dissolved oxygen concentration/Temperature/pH]* in *[units]* in test suspensions during the *[X]*- day exposure of *[test organism]* to *[test substance]* under *[static renewal/flow-through]* conditions.

Day	**Suspension**	***[Parameter (units)]***					
		Nominal Concentration of Test Suspension (CFU/L)					
		$X \times 10^X$	$X \times 10^X$	$X \times 10^X$	$X \times 10^X$	$X \times 10^X$	Control
0	new						
2	old						
	new						
–2	old						
	new						
n	old						

[Table suitable for microbial infectivity/pathogenicity and toxicity testing of multiple concentrations. Modify as appropriate to accommodate differences in experimental design or delete if acute toxicity test or maximum hazard concentration is used.]

TABLE *[#].* Water quality parameters in test suspensions during the *[X]*-hour exposure of *[test organism]* to [test substance].

Parameter	**Replicate**	***Treatment 1***		***Treatment 2***		***Treatment 3***		***Treatment n***		***Control***	
		0 h	**48 h**	**0 h**	**48 h**	**0 h**	**48 h**	**0 h**	**48 h**	**0 h**	**48 h**
Dissolved oxygen (% saturation or mg/L)	1										
	n										
	Mean										

Temperature (℃)	1											
	n											
	Mean											
pH	1											
	n											
	Mean											

[Table suitable for chemical acute toxicity (multiple-dose) testing (e.g., U.S. EPA guideline OCSPP 850.1010). Modify as appropriate to accommodate differences in experimental design, or delete if infectivity/pathogenicity and toxicity test used.]

A. **VIABILITY OF DOSING SUSPENSIONS:** *[Summarize the dose verification data and indicate if the tested sample was still viable.]*

TABLE *[#].* *[Method (e.g., Viable count)]* verification of test and control suspension concentrations during an

B. *[X]*-day exposure of *[test organism]* to *[test substance]*.

Day	**Suspension**	**Measured Concentration of Test Suspension (CFU/L)**					
		Nominal Concentration of Test Suspension (CFU/L)					
		$X \times 10^X$	$X \times 10^X$	$X \times 10^X$	$X \times 10^X$	$X \times 10^X$	Control
0	new						
2	old						
	new						
–2	old						
	new						
n	old						

MORTALITY:

TABLE *[#].* Cumulative mortality *[OR number of immobilized] [test organism]* exposed to *[test substance]* for *[test duration]* under *[static-renewal/flow-through]* conditions.

Day	**Cumulative Mortality *[OR Number of Immobilized] [test organism]***											
	Measured Concentration of Test Suspension (CFU/L)											
	$X \times 10^X$		$X \times 10^X$		$X \times 10^X$		$X \times 10^X$		$X \times 10^X$		**Control**	
	A	**B**	**A**	**B**	**A**	**B**	**A**	**B**	**A**	**B**	**A**	**B**
1	*X/Y*											

2												
3												
N												
Total % Mortality ***[OR Immobility]***												

TABLE *[#].* Mean percent survival in *[test organism]* exposed to *[test substance]* for *[test duration]* under *[static-renewal/flow-through]* conditions.

Treatments (CFU/L)	**Mean Percent Survival (%)**
Mean measured concentration 1	
Mean measured concentration 2	
Mean measured concentration 3	
Mean measured concentration 4	
Mean measured concentration n	
Control	
LC_{50} *[insert [>] if greater than]*	
NOEC *[insert [>] if greater than]*	
Positive control, if used *[insert [>] if greater than]*	

[[a] Use superscript and footnote to indicate values significantly different from control.]

SUBLETHAL TOXICITY ENDPOINTS:

TABLE *[#].* *[Sublethal effect, (e.g., growth)]* in *[test organism]* during [test duration] *[acute/chronic]* exposure to *[test substance]* under *[static-renewal/flow-through]* conditions.

Day	***[Sublethal effect]* in *[test organism]***					
	Mean Measured Concentration (CFU/L)					
	$X.XX \times 10^{X}$	$X.XX \times 10^{X}$	$X.XX \times 10^{X}$	$X.XX \times 10^{X}$	$X.XX \times 10^{X}$	Control
1						
2						

3						
4						
5						
n						
EC_{50} *[insert [>] if greater than]*						
Day	***[Sublethal effect]* in *[test organism]***					
	Mean Measured Concentration (CFU/L)					
	$X.XX \times 10^{X}$	$X.XX \times 10^{X}$	$X.XX \times 10^{X}$	$X.XX \times 10^{X}$	$X.XX \times 10^{X}$	Control
NOEC *[insert [>] if greater than]*						

[Table suitable for testing at multiple concentrations. Modify as appropriate to accommodate differences in experimental design, otherwise delete if maximum hazard concentration was used.]

TABLE *[#].* Mean body weight and weight gain for control and *[test material]*-treated *[test organism]* measured *[frequency of weighing]*.

Day	**Mean Body Weight at Beginning and End of Test**		
	Negative Control	**Inactivated *[test substance]***	***[test substance]***
Initiation			
Termination			

[Table suitable for microbial infectivity/pathogenicity and toxicity (maximum hazard dose) testing. Modify as appropriate to accommodate differences in experimental design or delete if acute toxicity test is used.]

TABLE *[#].* *[Sublethal effects (e.g., growth,, etc.)]* in *[test organism]* during [test duration] *[acute/chronic]* exposure to *[test substance]* under *[static-renewal/flow-through]* conditions.

Mean Measured Concentration	**Observation Period**		
	endpoint 1* at *Day x	***endpoint 2* at *Day x***	***endpoint 3* at *Day x***
	% Affected	**% Affected**	**% Affected**
Test concentration 1			
Test concentration 2			
Test concentration 3			

Test concentration n			
Control			
EC_{50} *[insert [>] if greater than]*			
NOEC *[insert [>] if greater than]*			
LOEC *[insert [>] if greater than]*			
Positive control, if used % sublethal effect: EC_{50}: *[insert [>] if greater than]*			

[Modify table as appropriate to accommodate differences in experimental design. Alternatively generate one table per endpoint/sublethal effect, if appropriate.]

REPORTED STATISTICS:

VERIFICATION OF STATISTICAL RESULTS BY THE REVIEWER: *[If applicable- Report the statistical methods used by the reviewer to verify the applicant's results; If values for LC_{50}, LT_{50}, NOEC are greater than the MHC level, use <symbol.]*

Statistical Method:

LC_{50}:
NOEL: 95% C.I.:
Probit Slope:
95% C.I.:

CONCLUSION:
[Summarize the study author's conclusions- Provide the major conclusions e.g., values for LC_{50}, EC_{50}, NOEC were [=, > or <] in appropriate units]

REFERENCES:

Study Type: Acute Honeybees Toxicity (Oral & Contact)
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:
In a *[#]*-day *[oral or dietary]* toxicity and pathogenicity study, *[common name (scientific name)]* were exposed to a *[single OR #]* dose of *[dose amount]* of *[formulation, note its potency, biological activity or concentration per unit weight or volume]* (containing % *a.i. name*) by *[indicate exposure method]*. *[Include other pertinent details such as the controls used.]*
The *[#]*-day LD50 was *[=, > or <] [insert LC50 in appropriate units]* (95% C.I. *-if applicable*). *[If the study included sublethal test endpoints and/or sublethal effects were observed and/or additional subchronic testing was triggered include the following text (otherwise-delete):* The EC50 based on sublethal effects, were *[insert EC50 in appropriate units.]* The NOEC value, based on mortality *[and sublethal effects]*, was *[=, > or <] [insert NOEC in appropriate units]*.
This study is classified as *[acceptable, unacceptable, and supplemental]*. This study was *[not]* conducted in accordance with the guideline recommendations for a *[oral or dietary]* toxicity and pathogenicity study for honey bees (OCSPP 885.4380; PMRA: M9.5.1 and OECD: IIM 8.7, IIIM 10.3) in the *[species]*.

I. MATERIALS AND METHODS:

A. GUIDELINE FOLLOWED:

B. MATERIALS:

1. **Test Material:** *[Name of test material as cited in the study report.]*
2. **Test Organism:**
Species (common and scientific names): *[Indicate the species used.]*
Age at test initiation: *[Give the age of the test organisms.]*
Strain/Source: [Report the strain, supplier and/or source of the test organism.]
Date of collection: *[Insert the date of collection, if applicable.]*

C. STUDY DESIGN AND METHODS:

[Briefly describe the experimental design.]

1. **Experimental Methods and Conditions:**

Acclimation:
Duration:
Feeding:
Water:
Temperature:
Relative humidity:
Test chamber - description and size:
Route(s) of exposure:
Dose levels / test concentrations:
Nominal:
Measured: *(from confirmation of dose viability)*
Preparation of dose or test concentration:
[Briefly describe methods for dose preparation.]
Solvent/vehicle: *[if used]*
[Describe the type and percentage, if used]

Confirmation of MPCA viability:

[Describe methods used to confirm the concentration and/or viability of the MPCA in the dosing suspensions.]

Positive control / reference material: *[if used]*

[Insert a description of the reference material, with the number of arthropods treated and frequency of testing (if not concurrent).]

Number of bees per chamber:

Control(s): Treatment(s):
Ten bees per replicate (chamber) are preferred.

Number of replicates (chambers) per treatment:

Control(s): Treatment(s):
A minimum of 3 replicate test groups should be dosed with each test concentration, and three replicate controls are required.

Recovery of MPCA from bees: *[if applicable]*

[Describe methods used to recover the MPCA from collected samples.]

No specific recommendations (guidelines developed for chemical toxicity testing).

Feeding:

[Describe the feeding regime used during the experiment.]

Test Conditions

Temperature:
Humidity:
Lighting:

Bees should be held in the dark in an experimental room at a temperature of 25 ± 2°C with a relative humidity of 50% to 70%.

Duration of the study:

The duration of the test is 48h after the test solution has been replaced with sucrose solution alone. If mortality continues to rise by >10% after the first 24h, the test duration should be extended to a maximum of 96h, provided that the control mortality does not exceed 10%.

The duration of the test is 48h. If mortality increases by more than 10% between 24h and 48h, the test duration should be extended up to a maximum of 96h provided that control mortality does not exceed 10%.

2. Observations:

Parameters measured including sub-lethal effects/toxicity symptoms:

[List the parameters measured during the experiment, e.g., mortality, survival, abnormal behavior or appearance, fecundity, growth inhibition, concentration of the MPCA in the test suspensions. Provide references to data summary tables, if used.]

Observation/measurement intervals:

[List time points for each parameter measurement and observation.]

No recommendations are given for environmental parameters such as temperature or humidity. The amount of diet consumed should be determined following treatment (OECD 213 only). Mortality is recorded 4 h after dosing and thereafter at 24 h and 48 h. If a prolonged observation period is required, further assessments should be made at 24 h intervals, up to a maximum of 96h, provided that control mortality does not exceed 10%.

II. RESULTS

A. VIABILITY OF DOSING SUSPENSIONS:

[Summarize the dose verification data and indicate if the tested sample was still viable.]

TABLE *[#].* Viability of *[test substance]* in the *[dosing suspension/diet]* administered to honey bees (*Apis mellifera*) in a *[contact, acute oral or dietary]* test.

Dose Group	**Nominal Concentration**	**Measured Concentration *[units]***
Solvent/vehicle		
Inactivated		
Sterile filtrate		
Maximum hazard		
Negative		

MORTALITY:

[[Briefly summarize mortality results (if any). If values for LD50, LC50, LT50, NOEL, NOEC are greater than the MHD level, use < symbol. Comment on dose response relationship; Slope of response, if provided. Compare the mortality with control treatment and/or the reference chemical. Data may be summarized in a table such as those presented below. Modify table to accommodate differences in experimental design.]

TABLE *[#].* Effect of *[test material]* on cumulative mortality of honey bees (*Apis mellifera*) in a *[contact, acute oral or dietary]* test.

Treatments *[indicate if nominal or measured (measured*	**No. of Bees**	**Observation**					
		Day		***Day***		***Day n***	
		No. Dea	**% Mortalit**	**No. Dea**	**% Mortali**	**No. Dea**	**% Mortalit**
Negative control							
Solvent control, if							
test concentration 1							
test concentration 2							
test concentration3							
test concentration 4							
test concentration n							

LD50/LC50 *[insert [>] if greater*								
NOEL/NOEC *[insert [>] if greater*								
Reference chemical	*Mortality (% or No.)*							
	LD50 : /	*[insert [>] if greater than]*						
	NOEL /	*[insert [>] if greater than]*						

[a Use superscript and footnote to indicate values that are statistically significantly different from control.]

B. SUB-LETHAL TOXICITY EFFECTS:

[Include if any sub-lethal effects are observed- Briefly summarize behavioral abnormalities or other signs of toxicity. Indicate effects that were related to the test-material. *Compare sub-lethal effects with control treatment and/or the reference chemical. Data may be summarized in a table such as those presented below. Modify tables to accommodate differences in experimental design. For acute oral and dietary, provide information about palatability of the treated diet, rate of consumption of diet in treated and untreated groups.]*

TABLE *[#].* Effect of *[test material]* on *[endpoint]* of honey bees (*Apis mellifera*) in a *[contact, acute oral or dietary]* test.

Treatments ***[indicate if nominal or measured (measured***	**Observation**					
	Day		***Day***		***Day***	
	endpoint 1	**% Affect**	***endpoint 2***	**% Affecte**	***endpoint n***	**% Affected**
Negative control						
Solvent control, if used						
test concentration 1						
test concentration 2						
test concentration3						
test concentration 4						
test concentration n						

ED50/EC50 or other sublethal endpoint *[insert [>]*							
NOEL/NOEC *[insert [>] if greater*							
Reference chemical	*LC50/*	*[insert [>] if greater than]*					
	NOEL/	*[insert [>] if greater than]*					

C. REPORTED STATISTICS:

[If applicable- List the parameters that were analyzed and the statistical tests that were performed.]

D. **VERIFICATION OF STATISTICAL RESULTS BY THE REVIEWER:**

[If applicable- Report the statistical methods used by the reviewer to verify the applicant's results.][If values for LD50, LC50, LT50, NOEL, NOEC are greater than the MHD level, use <symbol.]

	LD50:	95% C.I.:
	LC50:	95% C.I.:
	NOEL:	
	NOEC:	
	Probit Slope:	95% C.I.:
	Endpoint(s) Affected:	
III.	**CONCLUSION**	
A.	**CONCLUSION:**	*[Summarize the study author's conclusions- Provide the*

Conclusions e.g., values for LD50, LC50, LT50, EC50, NOEL, NOEC, etc. were [=, > or <] insert final dose concentration/level (in appropriate units).]

III. REFERENCES

TOXICOLOGY SCRUTINY TEMPLATE
[PHEROMONESSEMIO-CHEMICALS]

Sponsor:
Test Facility Name & GLP Validity:
GLP (Yes/No):
Test Material (% a. i.): (CAS#), Lot/ Batch No.#:

Study Type: Acute Oral Toxicity Rat
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:
Executive Summary:
In an acute oral toxicity study groups (#/sex) of strain, species (source), (age, weight) were given a single oral dose of (formulation/technical, note a.i. and %) in (vehicle or undiluted test article) at doses of??? or??mg/kg bw. Animals were then observed for (#) days.
Study Endpoints:
Oral LD_{50} Males = mg/kg bw
Oral LD_{50} Females = mg/kg bw
Oral LD_{50}Combined = mg/kg bw
Toxicity based on the LD_{50} in males or females which ever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV. Label comment if applicable.
This acute oral study is classified as acceptable. It does satisfy the guideline requirement for an acute oral study (OECD 423/425 etc.) in the rat.
Compliance:
Signed and dated GLP Compliance Statement, Quality Assurance Statement and Data Confidentiality statements will be provided.
RESULTS and DISCUSSION:

Dose (mg/kg b.w)	**Mortality/Number Tested**		
	Males	**Females**	**Combined**

Statistics/If any: The oral LD_{50} was calculated using the

A. **Morality:** as noted in table.
B. **Clinical sings & symptoms:**
C. **Gross Necropsy:**
D. **Conclusions:**

Study Type: Acute Dermal Toxicity Rat
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:
In an acute dermal toxicity study, groups (#/sex) of strain, species (source), (age, weight) were dermally exposed to (formulation/technical, note a.i. and %) in (vehicle or undiluted test article) to (% or amount of body surface area) at doses of, or mg/kg bw. Test sites were covered with a(n) occlusive/semi-occlusive dressing for (#) hours. Animals were then observed for (#) days.
Study End Points:
Dermal LD_{50} Males = mg/kg bw
Females = mg/kg bw
Combined = mg/kg bw
Toxicity: based on the LD_{50} in (males or females which ever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV. Label comment if applicable.
This acute dermal study is classified acceptable. It does satisfy the guideline requirement for an acute dermal study (OECD 402 etc.) in the rat.
Compliance:
Signed and dated GLP Compliance Statement, Quality Assurance Statement and Data Confidentiality statements will be provided.

RESULTS and DISCUSSION:

Dose (mg/kg bw)	Mortality/Number Tested		
	Males	Females	Combined

Statistics/If any: The dermal LD_{50} was calculated using the
A. Mortality: as noted in table:
B. Clinical signs & symptoms:
C. Gross Necropsy:
D. Conclusions:

Study Type: Acute Inhalation Toxicity Rat
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:
Executive Summary:
In an acute inhalation toxicity study, groups (#/sex) of strain, species (source), (age, weight) were exposed (nose only, head only or whole body) via the inhalation route to (formulation/technical, note a.i. and %) in (name of vehicle or undiluted test article) for [#] hours at concentrations of mg/L. Animals were then observed for [#] days.
Study Endpoints:
LC_{50} Males = mg/L
LC_{50} Females = mg/L
LC_{50} Combined = mg/L
Toxicity: based on (males or females which ever is lower, or lack of deaths at the limit dose) GHS/EPA Toxicity Category I, II, III, IV. Label comment if applicable.
This acute inhalation study is classified as acceptable. It does satisfy the guideline requirement for an acute inhalation study (OECD 403 etc.) in the rat.
Compliance:
Signed and dated GLP Compliance Statement, Quality Assurance Statement and Data Confidentiality Statements will be provided.
RESULTS and DISCUSSION:

Nominal Conc. (mg/L)	Actual Conc. (mg/L)	MMAD Φm	GSD Φm	Mortality/Number Tested		
				Males	Females	Combined

Test Atmosphere /Chamber Description:

Chamber Volume:	**L**
Airflow:	**LPM**
Temperature:	**EC or EF**
Relative Humidity:	**%**
Time to Equilibrium:	**min.**

Test atmosphere concentration
Particle size determination
Statistics/if any: The LC_{50} was calculated using the
A. Mortality: as noted in table.
B. Clinical signs & symptoms:
C. Gross Necropsy:
D. Conclusions:

Study Type: Acute Eye Irritation Rabbit.
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:
In an acute eye irritation study, (volume or weight of test material applied) of (formulation/technical, note a.i. and %) in (name of vehicle if appropriate, or undiluted test material) was instilled into the conjunctival sac of (which eye) of (#/sex), (strain), (species - rabbits) (source, age, weight) for [#] hours. (Note if eyes were washed) Animals were then observed for *[#]* days. Irritation was scored by the method as per guideline.
In this study, formulation/technical is not an eye irritant OR is minimally, mildly, moderately, severely, extremely irritating to the eye based on [(indicate basis - list MAS (of 24, 48 and 72 hrs) and MIS (state time recorded)] GHS/EPA Toxicity Category I, II, III, IV if joint review. Label comment if applicable.
This study is classified as acceptable. It does satisfy the guideline requirement for a primary eye irritation study (OECD 405 etc.) in the rabbit.
Compliance:
Signed and dated GLP, Quality Assurance, and Data Confidentiality statements were provided.
RESULTS AND DISCUSSION:

	Number "positive"/number tested							
	Hours				**Days**			
Observations	**1**	**24**	**48**	**72**	**4**	**7**	**14**	**21**
Corneal Opacity								
Iritis								
Conjunctivae:								
Redness								
Chemosis								
Discharge								

A. Observations:

B. Conclusions:

Study Type: Acute Dermal Irritation/primary Skin Irritation Rabbit
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:

In a primary skin irritation study, (#/sex) strain, species (source), (age, weight) were dermally exposed to (volume or weight of test material applied) of (formulation/technical, note a.i. and %) in (name of vehicle or undiluted test material) to (% or amount of body surface area - state location of test site). Test sites were covered with a(n) occlusive/semi-occlusive dressing for (#) hours. Animals were then observed for [#] days. Irritation was scored by the method of (cite method).

In this study, formulation/technical is not a dermal irritating OR is corrosive to the skin based on... [Indicate basis - list MAS (of 24, 48 and 72 h) and MIS (state time recorded) GHS/EPA Toxicity Category I, II, III, IV. Label comment if applicable.

This study is classified as acceptable. It does satisfy the guideline requirement for a primary dermal irritation study (OECD 404 etc.) in the rabbit.

Compliance:

Signed and dated GLP Compliance Statement, Quality Assurance Statement and Data Confidentiality statements will be provided.

RESULTS and DISCUSSION:

A. Observations:

B. Results:

C. Conclusions:

Study Type: Skin Sensitization Guinea Pig/LLNA
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:
In a dermal sensitization study with (formulation/technical, note a.i. and %) in (name of vehicle if appropriate or undiluted test article), strain, species (source)(age, weight) were tested using the method of (cite study type). Identify positive control material. List clinical signs (systemic and local for LLNA) and mortality. Necropsy results for LLNA **if significant**.
In this study, **Formulation/technical is not a dermal sensitizer or...** Label comment if applicable. This study is classified as acceptable. It does satisfy the guideline requirement for a dermal sensitization study (OECD 406, 429) in the Guinea pig .
Compliance:
Signed and dated GLP Compliance Statement, Quality Assurance Statement and Data Confidentiality statements will be provided.
(For traditional sensitization tests, otherwise delete; for LLNA, see below)
I. PROCEDURE
A. Induction:
B. Challenge -
C. Naive Controls -
II. RESULTS and DISCUSSION:
A. Reactions and duration:
B. Positive control:
C. Conclusions:
(For LLNA, otherwise delete)

I. MATERIALS and METHODS

1.	**Radio Isotope**	(as named in study)
	Description:	(e.g. technical, nature, color, stability)
	Lot/Batch #:	
	Radio-Purity:	(purity and radio-purity)
	CAS #:	
	Date of Isotope Activity Assay:	
	Date of use in bio-Assay:	

2. Vehicle and/or positive control:
(4:1 acetone/olive oil, N,N-dimethylformamide, methyl ethyl ketone, propylene glycol or dimethyl sulfoxide - If the vehicle used is not from the preceding list a rationale must be provided)./ Positive control should be hexyl cinnamic aldehyde or mercaptobenzothiazole dissolved in 4:1 AOO unless a rationale is provided.

3. Animal assignment and treatment:

4. Dose selection rationale:

5. Treatment preparation and administration:

25 µl of compound x was applied to the entire dorsal surface of each ear of each mouse. The application was repeated on days 2 and 3. On day 6 an injection of 250 µl phosphate buffered saline (PBS) containing 20 µCi of ^{3}H-methyl thymidine (^{3}H-TdR) or 250 µl PBS containing 2 µCi of ^{125}I-iododeoxy-uridine (^{125}IU) and 10^{-5} M fluorodeoxy-uridine was made into the tail vein of each experimental mouse. Five hours later, the draining Auricular lymph node of each ear was excised into PBS. A single cell suspension of lymph node cells was prepared from each mouse. (Describe method of cell suspension). Cells were precipitated with 5% trichloroacetic acid at 4 ^{B}C for 18 hours.

6. Statistics:

The following statistical procedures were employed (e.g., linear regression analysis to assess dose-response trends; Dunnett =s test to make pairwise comparisons).

7. Range finding study (if conducted):

II. RESULTS and DISCUSSION:

A. Disintegrations per Minute/Mouse (group means):

Sample Description Test or Control Group	Animal #	Individual Animal DPM [a]	Group Mean DPM ∀ (SE)	Stimulation Index (SI)*
Vehicle	1			
	2			
	3			
	4			
	5			
Low	1			
	2			
	3			
	4			
	5			
Medium	1			
	2			
	3			
	4			
	5			
High	1			
	2			
	3			
	4			
	5			
Positive control	1			
	2			
	3			
	4			
	5			

a) PMRA: Pooled animal data is also acceptable (minimum of 4 animals/group)

*** SI = Group mean DPM) Vehicle control mean DPM**

B. Stimulation Index:

Sample Description Test or Control Group	**Vehicle**	**Low**	**Medium**	**High**	**Positive Control**
Stimulation Index (SI)					
EC3[b]					

b) EC3 is the minimum concentration required to elicit a sensitization reaction (interpolated)
SI = Group Mean DPM) Vehicle control mean DPM
EC3 = C + [(3-D) / (B-D)] * (A-C)
Where (C, D) fall below SI of 3 (C = concentration, D = SI)
(A, B) fall above SI of 3 (A = concentration, B = SI)

C. Conclusions:

Study Type: Sub-acute Oral Toxicity Rat (90-days)
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:
Executive Summary:
In a 90-day oral toxicity study test substance (technical/formulation was administered to *[(# of animals) species, strain]*/sex/dose in *[diet, water, by gavage]* at dose levels of 0, x, x, or x ppm (equivalent to 0, x, x, x mg/kg bw/day).
*[Describe toxicity briefly following instructions for exec summary paragraph 2. If there is no toxicity, state that there were no compound related effects on mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic pathology. **Note:** if there was a NOAEL for clinical findings and when they occurred (for acute reference dose consideration during subsequent risk assessment.)]*.
The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

I. MATERIALS AND METHODS

A. MATERIALS:

1. Test Material:		*[as named in study]*
	Description:	*[e.g., technical, nature, color, stability]*
	Lot/Batch #:	
	Purity:	% a.i.
	Compound Stability:	
	CAS # of TGAI:	
		[Structure]

2. Vehicle and/or positive control: *[when appropriate]*, Lot/Batch #; Purity

3. Test animals:			
	Species:		
	Strain:		
	Age/weight at study initiation:		
	Source:		
	Housing:		
	Diet:	*[describe] ad libitum*	
	Water:	*[describe] ad libitum*	
	Environmental conditions:	**Temperature:**	EC
		Humidity:	%
		Air changes:	/hr
		Photoperiod:	hrs dark/ hrs light

	Acclimation period:	

B. STUDY DESIGN:

1. Animal assignment: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: Study design *[change heading and units as appropriate for method of administration]*

Test Group	Conc. in Diet *(units)*	Dose to Animal *(units)*	# Male	# Female
Control				
Low				
Mid				
High				

2. Dose selection rationale:

The dose levels were selected based on the results from *[state study type(s)]* where *[route]*-administration of up to *[dose]* resulted in *[state effects]*. *[Use data from range-finding study if available.]*

3. Diet preparation and analysis:

Diet was prepared *[how often]* by mixing appropriate amounts of test substance with *[type of food eg. Purina Certified Rodent Diet #5001]* and was stored at ___ temperature. Homogeneity and stability were tested at *[how often]*. During the study, samples of treated food were analyzed *[when and at what dose levels]* for stability and concentration.

Results: Homogeneity Analysis: *[range]*

Stability Analysis: *[range of values]*

Concentration Analysis: *[range of values]*

4. Statistics - *[list parameters that were analyzed and the statistical methods used]*

C. METHODS:

1. Observations:

1a. Cage side Observations

Animals were inspected *[frequency]* for signs of toxicity and mortality.

1b. Clinical Examinations

Clinical examinations were conducted [*frequency*].

1c. Neurological Evaluations

The following evaluations (measurements) were performed on day *[insert treatment day: [list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*

2. Body weight:

Animals were weighed *[frequency]*.

3. Food consumption and compound intake: *[if feeding study]*

Food consumption for each animal was determined and mean daily diet consumption was calculated as g food/kg body weight/day. Food efficiency *[if given] [body weight gain in kg/food consumption*

in kg per unit time X 100] and compound intake (mg/kg bw/day) values were calculated as time-weighted averages from the consumption and body weight gain data.

4. Ophthalmoscopic examination:

Eyes were examined [*when - before test and at termination?, which dose groups - control and high dose or all groups?]*

5. Hematology & Clinical Chemistry:

Blood was collected *[were animals fasted? time of collection and how many animals]* for hematology and clinical chemistry from all surviving animals. The CHECKED (X) parameters were examined.

a. Hematology

	Hematocrit (HCT)* Hemoglobin (HGB)* Leukocyte count (WBC)* Erythrocyte count (RBC)* Platelet count* Blood clotting measurements* (Thromboplastin time) (Clotting time) (Prothrombin time)	Leukocyte differential count* Mean corpuscular HGB (MCH)* Mean corpusc. HGB conc.(MCHC)* Mean corpusc. volume (MCV)* Reticulocyte count

* Recommended for 90-day oral rodent studies based on Guideline 870.3100

Clinical Chemistry

	ELECTROLYTES Calcium Chloride Magnesium Phosphorus Potassium* Sodium* **ENZYMES** Alkaline phosphatase (ALK)* Cholinesterase (ChE) Creatine phosphokinase Lactic acid dehydrogenase (LDH) Alanine aminotransferase (ALT/also SGPT)* Aspartate aminotransferase (AST/also SGOT)* Sorbitol dehydrogenase* Gamma glutamyl transferase (GGT)* Glutamate dehydrogenase	**OTHER** Albumin* Creatinine* Urea nitrogen* Total Cholesterol* Globulins Glucose* Total bilirubin Total protein (TP)* Triglycerides Serum protein electrophoresis

* Recommended for 90-day oral rodent studies based on Guideline 870.3100

6. Urinalysis

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

	Appearance*	Glucose
	Volume*	Ketones
	Specific gravity/osmolality*	Bilirubin
	pH*	Blood/blood cells*
	Sediment (microscopic)	Nitrate
	Protein*	Urobilinogen

1 Optional for 90-day oral rodent studies

* Recommended for 90-day oral rodent studies

7. Sacrifice and Pathology

All animals that died and those sacrificed on schedule were subjected to gross pathological examination and the CHECKED (X) tissues were collected for histological examination *[note if not all collected tissues were examined]*. The (XX) organs, in addition, were weighed.

	DIGESTIVE SYSTEM	**CARDIOVASC./HEMAT.**	**NEUROLOGIC**
	Tongue	Aorta*	Brain*+
	Salivary glands*	Heart*+	Peripheral nerve*
	Esophagus*	Bone marrow*	Spinal cord (3 levels)*
	Stomach*	Lymph nodes*	Pituitary*
	Duodenum*	Spleen*+	Eyes (optic nerve)*
	Jejunum*	Thymus*+	**GLANDULAR**
	Ileum*		Adrenal gland*+
	Cecum*	**UROGENITAL**	Lacrimal gland
	Colon*	Kidneys*+	Parathyroid*
	Rectum*	Urinary bladder*	Thyroid*
	Liver*+	Testes*+	**OTHER**
	Gall bladder (not rat)*	Epididymides*+	Bone (sternum and/or femur)
	Bile duct (rat)	Prostate*	Skeletal muscle
	Pancreas*	Seminal vesicles*	Skin*
	RESPIRATORY	Ovaries*+	All gross lesions and
	Trachea*	Uterus*+	
	Lung*	Mammary gland*	
	Nose*		
	Pharynx*		
	Larynx*		

* Recommended for 90-day oral rodent studies based on Guideline 870.3100

+ Organ weights required for rodent studies.

II. RESULTS: *[describe findings, include tables if needed; tables are recommended to depict any treatment-related findings, thus limiting use of text to highlight specific points]*:

A. OBSERVATIONS:

1. Clinical signs of toxicity: *[include cage side observations and clinical examinations; note when signs were first observed]*

2. Mortality:

3. Neurological Evaluations -

B. BODY WEIGHT AND WEIGHT GAIN: *[include a table of body weight gain, especially 0-30, 30-60, 60-90 days, only when there is a treatment-related effect]*

TABLE 2. Average body weights and body weight gains during 90 days of treatment

Dose rate [insert units]	Body Weights (g∀SD)				Total Weight Gain	
	Week -1	Week 1	Week 7	Week 13	g	% of control
Male						
0						
Low						
Mid						
High						
Female						
0						
Low						
Mid						
High						

[a] Data obtained from pages *(insert page #s)* in the study report.

* Statistically different ($p < 0.05$) from the control.

** Statistically different ($p < 0.01$) from the control.

C. FOOD CONSUMPTION AND COMPOUND INTAKE *[if feeding study]*:

1. Food consumption:

2. Compound consumption: *[time-weighted average] [include compound intake in table 1]* -

3. Food efficiency: *[if relevant] - [relate to any changes in body weight]*

D. OPHTHALMOSCOPIC EXAMINATION:

E. BLOOD ANALYSES: *[Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]*:

1. Hematology: *[relate to any histological findings]*
2. Clinical Chemistry: *[relate to any histological findings]*
F. Urinalysis:
G. SACRIFICE AND PATHOLOGY: [*Tables are recommended for treatment-related findings; limit text to integration of findings, highlights]*
1. Organ weight - *[absolute and relative as appropriate, relate to any histological changes]*
2. Gross pathology -
3. Microscopic pathology - *[relate with other findings, as appropriate]*
III. INVESTIGATORS' DISCUSSION AND CONCLUSIONS:
[Note any deficiencies and how they impact on the study results and interpretation, if at all. Include the following points in your discussion/conclusions section.]
[Describe the significant findings and provide justification for the conclusions.

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.]

Study Type: Sub-acute Dermal Toxicity-Rat
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:
In a 28-day dermal toxicity study test substance was applied to the shaved skin of *[(# of animals) species, strain]*/sex/dose at dose levels of 0, x, x, x mg/kg bw/day, 6 hours/day for 5 days/week during a 28-day period.
[Describe toxicity briefly. If there is no toxicity, state that there were no compound related effects in mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic pathology. Note if there was a LOAEL/NOAEL for clinical findings (for acute reference dose consideration during subsequent risk assessment)].

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

I. MATERIALS AND METHODS

A. MATERIALS:

1. Test Material:		*[as named in study]*
	Description:	*[e.g., technical, nature, color, stability]*
	Lot/Batch #:	
	Purity:	% a.i.
	Compound Stability:	
	CAS #:	
		[Structure]

2. Vehicle and/or positive control: *[when appropriate]*, Lot/Batch #; Purity

3. Test animals:			
	Species:		
	Strain:		
	Age/weight at study initiation:		
	Source:		
	Housing:		
	Diet:	*[describe] ad libitum*	
	Water:	*[describe] ad libitum*	
	Environmental conditions:	**Temperature:**	EC
		Humidity:	%
		Air changes:	/hr
		Photoperiod	hrs dark/ hrs light

		:	
	Acclimation period:		

B. STUDY DESIGN:

1. In life dates - Start: End:

2. Animal assignment: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: Study design: *[change heading and units as appropriate]*

Test Group **Control**	**Dose (mg/kg bw/d)**	**# Male**	**# Female**
Low **Mid** **High**			

3. Dose selection rationale

The dose levels were selected based on the results from *[state study type(s)]* where *[route]*-administration of up to *[dose]* resulted in *[state effects]*. *[Use data from range-finding study if available.]*

4. Preparation and treatment of animal skin

Shortly before the first application and weekly thereafter, the fur of each test animal was clipped from the dorsal area of the trunk over an area of at least 10% of the body surface *[include any other relevant details regarding preparation of the test area]*. The applied quantities of the test substance were adjusted weekly to individual animal body weight. The test substance/vehicle suspension was evenly dispersed on gauze patches that were then applied to the clipped skin, loosely covered with aluminum foil, and fastened to the body with non-irritating, adhesive tape. The dressings were removed after 6 hours and the application areas were cleaned with lukewarm water.

Rats in the control group were exposed to the vehicle using the same procedure as described for the treated rats.

5. Statistics: *[list parameters that were analyzed and the statistical methods used]*

C. METHODS:

1. Observations: *[Example below]*

1a. Cage side Observations

Animals were observed daily for signs of mortality, toxicity, and the presence of dermal irritation. The animals were examined for signs of local skin irritation approximately 17 hours after removing the gauze patches and were evaluated using the Draize method.

1b. Clinical Examinations: Clinical examinations were conducted [*frequency*].

1c. Neurological Evaluations:

The following evaluations (measurements) were performed on day *[insert treatment day]*: *[list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*

2. Body weight: *[Example below]*
Animals were weighed prior to initiation of the study and at the beginning of each study week.
3. Food consumption: *[Example below]*
Food consumption was determined weekly *[individually or by cage]* from the weight of the offered diet at the beginning of a specific week and its difference to the re-weight amount after several days. Mean food consumption was reported as g food/animal/*[day or week]*. Food consumption ratios were calculated [frequency e.g., weekly].
4. Ophthalmoscopic examination: Eyes were examined [*when - before test and at termination?, which dose groups - control and high dose or all groups?]*
5. Hematology & Clinical Chemistry: Blood was collected *[from where? were animals fasted? time of collection and how many animals]* for hematology and clinical chemistry from all surviving animals. The CHECKED (X) parameters were examined.
a. Hematology

	Hematocrit (HCT)*	Leukocyte differential count*
	Hemoglobin (HGB)*	Mean corpuscular HGB (MCH)*
	Leukocyte count (WBC)*	Mean corpusc. HGB conc.(MCHC)*
	Erythrocyte count (RBC)*	Mean corpusc. volume (MCV)*
	Platelet count*	Reticulocyte count
	Blood clotting measurements*	
	(Thromboplastin time)	
	(Clotting time)	
	(Prothrombin time)	

* Recommended for 28-day dermal toxicity studies based on Guideline 870.3200

b. Clinical Chemistry

	ELECTROLYTES	OTHER
	Calcium	Albumin*
	Chloride	Creatinine*
	Magnesium	Urea nitrogen*
	Phosphorus	Total Cholesterol*
	Potassium* (K)	Globulins
	Sodium* (NA)	Glucose*
	ENZYMES (more than 2 hepatic enzymes, eg., *)	Total bilirubin
	Alkaline phosphatase (AP)*	Total protein*
	Cholinesterase (ChE)	Triglycerides
	Creatine phosphokinase	Serum protein electrophoresis
	Lactic acid dehydrogenase (LDH)	
	Alanine aminotransferase (ALT/also SGPT)*	
	Aspartate aminotransferase (AST/also SGOT)*	
	Gamma glutamyl transferase (GGT)*	
	Glutamate dehydrogenase	
	Sorbitol dehydrogenase*	

* Recommended for 28-day dermal toxicity studies based on Guideline 870.3200

6. Urinalysis*

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

	Appearance*	Glucose*
	Volume*	Ketones
	Specific gravity / osmolality*	Bilirubin
	pH*	Blood / blood cells*
	Sediment (microscopic)	Nitrate
	Protein*	Urobilinogen

* Optional for 28-day dermal toxicity studies

7. Sacrifice and Pathology

All animals were sacrificed on schedule and subjected to gross pathological examination. The CHECKED (X) tissues were collected for histological examination. The (XX) organs, in addition, were weighed.

	DIGESTIVE SYSTEM	CARDIOVASC./HEMAT.	NEUROLOGIC
	Tongue	Aorta, thoracic*	Brain*+
	Salivary glands*	Heart*+	Peripheral nerve*
	Esophagus*	Bone marrow*	Spinal cord (3 levels)*

	Stomach* Duodenum* Jejunum* Ileum* Cecum* Colon* Rectum* Liver*+ Gall bladder* (not rat) Bile duct* (rat) Pancreas* **RESPIRATORY** Trachea* Lung* Nose* Pharynx* Larynx*	Lymph nodes* Spleen*+ Thymus*+ **UROGENITAL** Kidneys*+ Urinary bladder* Testes*+ Epididymides*+ Prostate* Seminal vesicles* Ovaries*+ Uterus*+ Mammary gland*	Pituitary* Eyes (optic nerve)* **GLANDULAR** Adrenal gland*+ Lacrimal gland Parathyroid* Thyroid* **OTHER** Bone (sternum and/or femur) Skeletal muscle Skin* (treated & untreated areas) All gross lesions and

* Recommended for 28-day dermal toxicity studies based on Guideline 870.3200
+ Organ weights required.

II. RESULTS [*describe findings, include tables if needed]*

A. OBSERVATIONs:

1. Clinical signs of toxicity: *[include cage side observations and clinical examinations; note when signs were first observed]*

2. Mortality: *[indicate if any animals died]*

3. Neurological Evaluations:

4. Dermal Irritation: *[Describe any dermal effects]*

B. BODY WEIGHT AND WEIGHT GAIN: *[include a table of body weight gain when there is a treatment related effect]*

TABLE 2. Average body weights and body weight gains during XX days of treatment

Dose rate [insert units]	**Body Weights (g∀SD)**				**Total Weight Gain**	
	Week -1	**Week 1**	**Week X**	**Week X**	**g**	**% of control**
Male						
0						

Low						
Mid						
High						
Female						
0						
Low						
Mid						
High						

[a] Data obtained from pages *(insert page #s)* in the study report.
* Statistically different ($p < 0.05$) from the control.
** Statistically different ($p < 0.01$) from the control.

C. FOOD CONSUMPTION AND EFFICIENCY:

1. Food consumption:

2. Food efficiency: *[if relevant] - [relate to any changes in body weight]*

D. OPHTHALMOSCOPIC EXAMINATION:

E. BLOOD ANALYSES: *[Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]*

1. Hematology: *[relate to any histological findings]*

2. Clinical Chemistry: *[relate to any histological findings]*

F. URINALYSIS (if done)

G. Sacrifice and Pathology: *[Tables are OPTIONAL, but recommended for treatment-related findings; limit text to integration of findings, highlights]*

1. Organ weight - *[absolute and relative as appropriate, relate to any histological changes]*

2. Gross pathology -

3. Microscopic pathology - *[relate with other findings, as appropriate]*

III. INVESTIGATORS' DISCUSSION AND CONCLUSIONS:

[Note any deficiencies and how they impact on the study results and interpretation, if at all. Include the following points in your discussion/conclusion section.]

[Describe the significant findings and provide justification for the conclusions.]

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

Study Type: Sub-acute Inhalation Toxicity (28-day)-Rat
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Investigators' Executive Summary:
In a sub-chronic inhalation toxicity study test substance was administered to *[(# of animals) species, strain]*/sex/concentration by dynamic *[nose only, head only or whole body]* exposure at concentrations of 0, x, x, x mg/L for x hours per day, x days/week for a total of x days *(include concentrations in units reported in the study as well as mg/L conversion).*
[Describe toxicity briefly. If there is no toxicity, state that there were no compound related effects in mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic pathology. Note if there was a LOAEL/NOAEL for clinical findings (for acute reference dose consideration during subsequent risk assessment)].
The LOAEL is mg/L/day, based on the NOAEL is mg/L/day.

I. MATERIALS AND METHODS

A. MATERIALS:

1. Test Material:		*[as named in study]*
	Description:	*[e.g., technical, nature, color, stability]*
	Lot/Batch #:	
	Purity:	% a.i.
	Compound Stability:	
	CAS # of TGAI:	
		[Structure]

2. Vehicle and/or positive control: *[when appropriate]*, Lot/Batch #; Purity

3. Test animals:			
	Species:		
	Strain:		
	Age/weight at study initiation:		
	Source:		
	Housing:		
	Diet:	*[describe]* *ad libitum* (except during exposure)	
	Water:	*[describe]* *ad libitum*	
	Environmental conditions:	**Temperature:**	EC
		Humidity:	%
		Air	/hr
			hrs dark/ hrs light

		changes: Photoperiod:	
	Acclimation period:		

B. STUDY DESIGN:

1. In life dates Start: End:

2. Animal assignment

Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: Study design

Test group	Nominal Conc. (mg/L)	Analytical Conc. (mg/L)	MMAD Φm	GSD	Rats/sex
Control					
Low (LCT)					
Mid (MCT)					
High (HCT)					

3. Dose selection rationale

The dose levels were selected based on the results from *[state study type(s)]* where *[route-*administration of up to *[dose]* resulted in *[state effects]. [Use data from range-finding study if available.]*

4. Generation of the test atmosphere / chamber description:

Time to equilibrium was .

Analytical Chemistry .

Test atmosphere concentration *[give method and results]*. Results are in table 1 above.

Particle size determination [*give method and results]*. Results are in table 1 above.

5. Statistics - *[list parameters that were analyzed and the statistical methods used]*

C. METHODS:

1. Observations:

1a. Cage side Observations

Animals were inspected *[frequency]* for signs of toxicity and mortality.

1b. Clinical Examinations

Clinical examinations were conducted [*frequency*].

1c. Neurological Evaluations

The following evaluations (measurements) were performed on day *[insert treatment day]*: *[list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*.

2. Body weight:

Animals were weighed *[frequency]*.

3. Food consumption:

Food consumption for each animal was determined and mean daily diet consumption was calculated as g food/kg body weight/day. Food efficiency *[if given] [body weight gain in kg/food consumption in kg per unit time X 100]* and compound intake (mg/kg bw/day) values were calculated as time-weighted averages from the consumption and body weight gain data.

4. Ophthalmoscopic examination:

Eyes were examined *[when - before test and at termination?, which exposure groups - control and high concentration or all groups?]*

5. Hematology & Clinical Chemistry:

Blood was collected *[were animals fasted? time and site of collection and how many animals]* for hematology and clinical analysis from all surviving animals. The CHECKED (X) parameters were examined.

a. Hematology

	Hematocrit (HCT)* Hemoglobin (HGB)* Leukocyte count (WBC)* Erythrocyte count (RBC)* Platelet count* Blood clotting measurements* (Thromboplastin time) (Clotting time) (Prothrombin time)	Leukocyte differential count* Mean corpuscular HGB (MCH)* Mean corpusc. HGB conc.(MCHC)* Mean corpusc. volume (MCV)* Reticulocyte count

* Recommended for subchronic inhalation studies based on Guideline 870.3465

b. Clinical Chemistry

	ELECTROLYTES Calcium Chloride Magnesium Phosphorus Potassium* Sodium* **ENZYMES** (more than 2 hepatic enzymes eg., *) Alkaline phosphatase* Cholinesterase (ChE) Creatine phosphokinase Lactic acid dehydrogenase (LDH) Alanine aminotransferase (ALT/also SGPT)* Aspartate aminotransferase (AST/also	**OTHER** Albumin* Creatinine* Urea nitrogen* Total Cholesterol* Globulins Glucose* Total bilirubin Total serum protein (TP)* Triglycerides Serum protein electrophoresis

	SGOT)* Sorbitol dehydrogenase* Gamma glutamyl transferase (GGT)* Glutamate dehydrogenase	

* Recommended for subchronic inhalation studies based on Guideline 870.3465

6. Urinalysis*

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

	Appearance* Volume* Specific gravity / osmolality* pH* Sediment (microscopic) Protein*	Glucose* Ketones Bilirubin Blood / blood cells* Nitrate Urobilinogen

* Optional for inhalation toxicity studies

7. Sacrifice and Pathology

All animals that died and those sacrificed on schedule were subjected to gross pathological examination and the CHECKED (X) tissues were collected for histological examination *[note if not all collected tissues were examined]*. The (XX) organs, in addition, were weighed.

	DIGESTIVE SYSTEM Tongue Salivary glands* Esophagus* Stomach* Duodenum* Jejunum* Ileum* Cecum* Colon* Rectum* Liver*+ Gall bladder* (not rat) Bile duct* (rat) Pancreas* **RESPIRATORY** Trachea*	**CARDIOVASC./HEMAT.** Aorta, thoracic* Heart*+ Bone marrow* Lymph nodes* Spleen*+ Thymus*+ **UROGENITAL** Kidneys*+ Urinary bladder* Testes*+ Epididymides*+ Prostate* Seminal vesicles* Ovaries*+ Uterus*+	**NEUROLOGIC** Brain*+ Peripheral nerve* Spinal cord (3 levels)* Pituitary* Eyes (optic nerve)* **GLANDULAR** Adrenal gland*+ Lacrimal gland Parathyroid* Thyroid* **OTHER** Bone (sternum and/or femur) Skeletal muscle Skin All gross lesions and

	Lung* Nose* Pharynx* Larynx*	Mammary gland*	

* Recommended for subchronic rodent studies based on Guideline 870.3465
\+ Organ weights required

II. RESULTS [*describe findings, include tables if needed]*

A. OBSERVATIONS:

1. Clinical signs of toxicity - *[include cage side observations and clinical examinations; note when signs were first observed]*

2. Mortality

3. Neurological Evaluations

B. BODY WEIGHT AND WEIGHT GAIN: *[include a table of body weight gain, especially 0-30, 30-60, 60-90 days, only when there is a treatment related effect.*

TABLE 2. Average body weights and body weight gains during 90 days of treatment *[SAMPLE - some form of this table is required when there is a treatment-related effect].*

Analytical Concentration (mg/L)	Body Weights (g∀SD)				Total Weight Gain	
	Week -1	Week 1	Week 7	Week 13	g	% of control
Male						
0						
LCT						
MCT						
HCT						
Female						
0						
LCT						
MCT						
HCT						

[a] Data obtained from pages *(insert page #s)* in the study report.
* Statistically different ($p < 0.05$) from the control.

** Statistically different ($p < 0.01$) from the control.

C. FOOD CONSUMPTION:

1. Food consumption

2. Food efficiency *[if relevant] - [relate to any changes in body weight]*

D. OPHTHALMOSCOPIC EXAMINATION -

E. BLOOD ANALYSES: *[Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]*

1. Hematology: *[relate to any histological findings]*

2. Clinical Chemistry: *[relate to any histological findings]*

F. URINALYSIS - *[if done - relate to any histological findings]*

G. SACRIFICE AND PATHOLOGY: *[Tables are OPTIONAL, but recommended for treatment-related findings; limit text to integration of findings, highlights]*

1. Organ weight - *[absolute and relative as appropriate, relate to any histological changes]*

2. Gross pathology -

3. Microscopic pathology - *[relate with other findings, as appropriate]*

III. INVESTIGATORS' DISCUSSION AND CONCLUSIONS: *[Note any deficiencies and how they impact on the study results and interpretation, if at all. Include the following points in your discussion/conclusions section.]*

[Describe the significant findings and provide justification for the conclusion.]

Study Type: Neuro-behavioral Toxicity /Acute Neurotoxicity Rodent
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:
In an acute neurotoxicity study, grups of *(fasted), (age) (strain) (species) (#/sex)* were given a single oral dose of *(chemical name (% a.i., batch/lot #)* in *(name of vehicle)* at doses of x, x, or x mg/kg bw and observed for *(#)* days. Neurobehavioral assessment (functional observational battery and motor activity testing) was performed in *[number]* animals/sex/group *[at what time points]. [If applicable]* Cholinesterase activity was determined by the *[?]* method in *X* rats/sex/dose in plasma and erythrocytes *[at what time points]*, and in *[# of regions or whole]* brain *[at what time points]*. At study termination, *[how many?]* animals/sex/group were euthanized and perfused [*in situ*] for neuropathological examination. Of the perfused animals, *[how many from which groups?]* were subjected to histopathological evaluation of brain and peripheral nervous system tissues.
[Any additional measures should be included in procedures section above.]
Discuss findings at low, mid- and high doses. Include only major treatment related clinical signs, FOB findings, motor activity changes, body weight or brain weight changes or gross and histopathology or neuropathology, including onset and/or duration if any, or the following statement: There were no treatment related effects on mortality, clinical signs, body weight, brain weight or gross and histologic pathology or neuropathology. FOB and motor activity testing revealed no treatment-related effects. Note if there was a NOAEL for acute neurotoxicity (for acute reference dose consideration during subsequent risk assessment.)
Based on the effects seen in this study, the LOAEL was *xxx mg/kg bw/day (based on xxx)*, with a NOAEL *of xxx mg/kg bw/day.*
[If applicable]
The LOAEL for plasma cholinesterase inhibition was *xxx mg/kg bw/day*, with a NOAEL of *xxx mg/kg bw/day*.
The LOAEL for erythrocyte cholinesterase inhibition was *xxx mg/kg bw/day*, with a NOAEL of *xxx mg/kg bw/day*.
The LOAEL for brain cholinesterase inhibition was *xxx mg/kg, bw/day* with a NOAEL of *xxx mg/kg bw/day*.

I. MATERIALS AND METHODS

A. MATERIALS:

1. Test Material:		*[as named in study]*
	Description:	*[e.g. technical, nature, color, stability]*
	Lot/Batch #:	
	Purity:	% a.i.
	CAS # of TGAI:	
		[Verification of concentration/homogeneity as necessary]

2. Vehicle and/or positive control: *[note how dosage form was prepared if unusual]*

3. Test animals:			
	Species:		
	Strain:		
	Age/weight at dosing:		
	Source:		
	Housing:		
	Diet:	*[describe]* *ad libitum*	
	Water:	*[describe]* *ad libitum*	
	Environmental conditions:	**Temperature:** **Humidity:** **Air changes:** **Photoperiod:**	EC % /hr hrs dark/ hrs light
	Acclimation period:		

B. STUDY DESIGN:

1. Animal assignment and treatment: Animals were assigned to the test groups noted in Table 1 *[e.g., by a computerized random sort program to the test groups so that body weight means for each group were comparable. Following an overnight fast]*, rats were given a single dose *[how, in what vehicle/volume]* then observed *[frequency]* and weighed *[frequency]* for 14 days. Dose levels were chosen based on *[what]*. *[Dose selection rationale should be discussed; rationale for selection of time of peak effect should also be discussed. Use data from range-finding study if available.]* Survivors were sacrificed and a necropsy *[was/was not]* performed.

[Include additional description of study design, e.g. use of replicates, as needed, to supplement the information in the table.]

Table 1. Study Design *[change headings and units as appropriate, add or delete rows as needed]*

Experimental Parameter	**Dose Group (mg/kg bw)**			
	Control	**Low Dose**	**Mid Dose**	**High Dose**
Total number of Animals/sex/group				
Behavioral Testing (FOB, Motor Activity)	10/sex	10/sex	10/sex	10/sex
Neuropathology	6/sex	6/sex	6/sex	6/sex
Blood cholinesterase determination	5/sex	5/sex	5/sex	5/sex

Brain cholinesterase determination	5/sex	5/sex	5/sex	5/sex

2. Test Substance Preparation and Analysis: *[Indicate how test substance was prepared for administration, how it was stored, and how stability, concentration, and homogeneity were verified.]*
Results - Homogeneity Analysis: *[range of values]*
Stability Analysis: *[range of values]*
Concentration Analysis: *[range of values]*
3. Statistics - *[list parameters that were analyzed and the statistical methods used]*

C. METHODS / OBSERVATIONS:

1. Mortality and Clinical Observations:
Animals were observed *[how frequently]* for mortality and morbidity. Detailed clinical observations were recorded *[when?]*.
[e.g., Animals were inspected twice daily during the week and once a day on the weekends and holidays for signs of toxicity and mortality. Detailed physical examinations were performed daily].

2. Body weight:
Animals were weighed *[frequency]*.

3. Food consumption: *[indicate when and whether food consumption was recorded, and how test substance intake was calculated (if feeding study)]*

4. Cholinesterase Determination: *[If applicable]* Cholinesterase activity was determined in *[how many animals, how often?]*. *[How were samples collected and processed, what tissues were used (e.g. plasma, whole blood, RBCs, brain (whole brain or regions)), were animals fasted, what methodology was used for cholinesterase determination? Is there information indicating that samples were analyzed in a way that would minimize dissociation of the chemical from the enzyme?]*

5. Neurobehavioral Assessment:

a. Functional Observational Battery (FOB): *[Describe the procedures used. Were the same technicians used throughout testing? Were they blind to treatment status of animals? Where was the testing done? When was testing done, with respect to time of test substance administration? What were the environmental conditions (e.g., noise level, etc.)? We're scoring criteria given for the measured parameters? For open field observations, include the duration of the observation period (e.g., 2 minutes); for any test requiring equipment (e.g. strain gauges used for grip strength), describe the equipment used.]*

The CHECKED (X) parameters were examined. *[Add and delete parameters from the following table, as needed.]*

X **HOME CAGE OBSERVATIONS**	X **HANDLING OBSERVATIONS**	X **OPEN FIELD OBSERVATIONS**
Posture*	Reactivity*	Mobility
Biting	Lacrimation* / chromodacryorrhea	Rearing+
Convulsions*	Salivation*	Arousal/ gereral activity level*
Tremors*	Piloerection*	Convulsions*
Abnormal Movements*	Fur appearance	Tremors*
Palpebral closure*	Palpebral closure*	Abnormal movements*

Faeces consistency	Respiratory rate+	Urination / defecation*
	Red/crusty deposits*	Grooming
SENSORY OBSERVATIONS	Mucous membranes /eye /skin colour	Gait abnormalities / posture*
Approach response+	Eye prominence*	Gait score*
Touch response+	Muscle tone*	Bizarre / stereotypic behaviour*
Startle response*		Backing
Pain response*		Time to first step
Pupil response*		
Eyeblink response	**PHYSIOLOGICAL OBSERVATIONS**	**NEUROMUSCULAR OBSERVATIONS**
Forelimb extension	Body weight*	Hindlimb extensor strength
Hindlimb extension	Body temperature+	Forelimb grip strength*
Air righting reflex+		Hindlimb grip strength*
Olfactory orientation		Landing foot splay*
	OTHER OBSERVATIONS	Rotarod performance

*Required parameters; +Recommended parameters

b. Locomotors Activity: Locomotors Activity was evaluated *[when in relation to FOB performance]. [Include information on whether replicates were used, what type of equipment was used, length of session, number and length of subsessions, what parameters were measured (e.g., total activity, ambulatory activity, large movements, small movements, etc.)]*

6. Sacrifice and Pathology:

[When and how were animals sacrificed, how many were perfused, what parameters were measured (e.g. brain weight, length and width), what were the procedures for perfusion, what tissues were evaluated, what type of staining was used, how were sections prepared (thickness, embedding media, number of sections). How many animals from each sex and treatment group were evaluated?]

The CHECKED (X) tissues were evaluated. *[add or delete tissues as needed].*

	CENTRAL NERVOUS SYSTEM	X **PERIPHERAL NERVOUS SYSTEM**
	BRAIN	**SCIATIC NERVE**
	Forebrain	Mid-thigh
	Center of cerebrum	Sciatic Notch
	Midbrain	
	Cerebellum	**OTHER**
	Pons	Sural Nerve
	Medulla oblongata	Tibial Nerve
	SPINAL CORD	Peroneal Nerve

Cervical swelling	Lumbar dorsal root ganglion
Lumbar swelling	Lumbar dorsal root fibers
Thoracic swelling	Lumbar ventral root fibers
OTHER	Cervical dorsal root ganglion
Gasserian Ganglion	Cervical dorsal root fibers
Trigeminal nerves	Cervical ventral root fibers
Optic nerve	
Eyes	
Gastrocnemius muscle	

7. Positive Controls: *[Briefly describe the positive control data cited, and its acceptability for use with the current study].*

For Positive control data to be acceptable, it must demonstrate the sensitivity of the test method to detect changes in the measured parameters. For observational measures, the data should demonstrate the ability to detect major neurotoxic endpoints, including limb weakness, paralysis, tremor, and autonomic signs; motor activity positive control data should demonstrate the ability to detect both increases and decreases in motor activity; pathology positive control data should demonstrate the ability to detect central and peripheral nervous system pathology (separate groups may be used to demonstrate each type of pathology, for example, acrylamide for peripheral nervous system pathology and trimethyl tin for central nervous system pathology).

The methods should be completely described, and must be the same as those used in the study being evaluated (for example, the same equipment should be used, motor activity sessions should be of the same duration, the observation arena should be the same, the same sections should be evaluated for neuropathology, using the same types of stains, etc.), and preferably the same personnel should have conducted the testing. The data presentation should be complete enough to evaluate the sensitivity of the method, including individual data and measures of variability. Statistical evaluations used to demonstrate sensitivity should also be the same as those used in the study being evaluated. The number of animals per test group should not be greater than that used in the study under evaluation.

Positive control data should also demonstrate inter-observer reliability for the FOB (i.e., the same results should be seen regardless of who is doing the observations). The positive control data should have been collected within a reasonable time frame before the current study, e.g., the last few years.

New data should also be collected when observational personnel or other critical laboratory elements change.

Historical control data are not required and should be used with care. Behavioral baselines can vary considerably based on current testing conditions, time of testing, environmental conditions, etc., so use of concurrent control data and pre-test data is strongly preferred over historical control data. If historical control data are provided, and if they are used in evaluation of results, these data should be required and evaluated as discussed above for positive control data.

II. RESULTS

A. OBSERVATIONS:

1. Clinical signs- *[Describe results] [include table only if treatment-related effects were seen]*

Table 2. Clinical observations

Observation	Dose Level (mg/kg bw/day)			
	Control	**Low dose**	**Mid dose**	**High dose**
Males				
[observation type]				
	x/x			
Females				
[observation type]				

Data were extracted from *[cite report page nos.]*

Numbers represent the total number of observations/number of animals with at least one instance of the observation

N = *[give number of animals in each group]*

2. Mortality:

B. BODY WEIGHT AND BODY WEIGHT GAIN: *[include only that data needed to document any effects seen, or lack thereof; include standard deviations in table]*

Table 3. Body weight and body weight gain (g)

Observation (g ± s.d.)	Dose Level (mg/kg bw)			
	Control	**Low dose**	**Mid dose**	**High dose**
Body weight-Males				
-Day #				
Body weight-Females				
-Day #				
Body weight gain-Males				
-Day #				
Body weight gain-Females				

Observation (g ± s.d.)	Dose Level (mg/kg bw)			
	Control	Low dose	Mid dose	High dose
-Day #				

Data were extracted from *[cite report page nos.]*.
Values represent mean ± s.d.
n=[give number of animals in each group]
*=p<.05, **=p<.01, when compared to control means.

C. FOOD CONSUMPTION: *[Include if measured. - Include only enough food consumption information to document any effects, or as necessary to explain effects on body weight.]*

Table 4. Food consumption (g/kg/day)

Week No.	Dose Level (mg/kg bw)			
	Control	Low dose	Mid dose	High dose
Males				
-Days #-#				
Females				
-Days #-#				

Data were extracted from *[cite study report page nos.]*
Values represent mean ± s.d.
n=*[give number of animals for each group]*
*=p<.05, **=p<.01, when compared to control means

D. CHOLINESTERASE ACTIVITIES: *[Describe results - if applicable]*

Table 5. Blood cholinesterase activity

Observation	Dose Level (mg/kg bw)			
	Control	Low dose	Mid dose	High dose
Plasma ChE (U/L)				
Males				
Day 0				

Observation	Dose Level (mg/kg bw)			
	Control	**Low dose**	**Mid dose**	**High dose**
Day 7				
Day 14				
Females				
Day 0				
Day 7				
Day 14				
RBC ChE (U/L)				
Males				
Day 0				
Day 7				
Day 14				
Females				
Day 0				
Day 7				
Day 14				

Data were extracted from *[cite study report page nos.]*
Values represent mean ± s.d. *[% difference from control mean]*

**=p<.01, *=p<.05, when compared to control mean.
n=*[give number of animals in each group]*
[Include all data for whole brain (if brain regions were evaluated, also include all data from cortex and hippocampus; for other regions include data from all time points if statistically significant changes were found for a particular region or if changes from baseline of 20% or greater were seen) - add extra lines to table as needed].

Table 6. Brain cholinesterase activity (U/g)

Brain Region	Dose Level (Mg/kg Bw)			
	Control	Low Dose	Mid Dose	High Dose
Tissue 1				
Male				
Day 0				
Day 7				
Day 14				
Female				
Day 0				
Day 7				
Day 14				
Tissue 2				
Male				
Day 0				
Day 7				
Day 14				
Female				
Day 0				
Day 7				
Day 14				

Data were extracted from *[cite study report page nos.]*
Values represent mean ± s.d. *[% difference from control mean]*
**=p<.01, *=p<.05, when compared to control mean.

n=*[give number of animals in each group]*

E. NEUROBEHAVIORAL RESULTS

Data should be included for all statistically significant findings, and for any findings the reviewer feels are toxicologically relevant (even if not statistically significant [in our view, an incidence of 3/10 for a parameter where controls are 0/10 would warrant inclusion]). If significant effects are found, data from all groups, time points, and both sexes should be included for that parameter (so that the reader of the DER can see what happened to the effect across time and groups). [However, note that if a given parameter is (e.g.) 0 for all groups at all-time points except for day 0, that can be stated in the text and such data need not be included in the table.] Include severity information if there are changes in severity. Duplicate the table as necessary to include different types of findings (e.g., activity levels, landing foot splay, etc.).

1. FOB Findings:

Table 7. Functional observation battery results

	Dose Level (mg/kg bw)			
Observation	**Control**	**Low dose**	**Mid dose**	**High dose**
Males				
Type of Observation -1 -Pretest -Day 0 -Day 7 -Day 14				
Type of Observation -2 -Pretest -Day 0 -Day 7 -Day 14				
Females				
Type of Observation -1 -Pretest -Day 0 -Day 7 -Day 14				
Type of Observation				

Observation	Dose Level (mg/kg bw)			
	Control	Low dose	Mid dose	High dose
-2 -Pretest -Day 0 -Day 7 -Day 14				

Data were extracted from *[cite study report page nos.] [include units for measurements, as needed]*
Values represent incidence (or other appropriate measure)
n=*[include number of animals for all groups]*
*=p<.05,** p<.01 compared with controls

2. Motor activity:
Include data for total motor activity in all DERs, regardless of statistical significance. Include data for subsessions if it is statistically or toxicologically significant. Even if data for subsessions is not included in a table, it should be discussed, especially with regard to whether or not habituation was demonstrated. Table can be duplicated as necessary to include additional types of motor activity data or subsession data.

Table 8. Motor activity (total activity counts for session)

Test Day	Dose Level (mg/kg bw)			
	Control	Low Dose	Mid Dose	High Dose
Males				
Pre-test				
Day 0				
Day 7				
Day 14				
Females				
Pre-test				
Day 0				
Day 7				
Day 14				

Data were extracted from *[cite study report page nos.] [include units for measurements, as needed]*
Values represent mean ±s.d.
n=*[give number of animals for all groups]*
*=p<.05,** p<.01 compared with controls

F. SACRIFICE AND PATHOLOGY: *[Tables are OPTIONAL, but recommended for treatment-related findings; limit text to integration of findings, highlights]*:

1. Gross pathology: *[describe results, including whether there were any changes in brain weights (if measured - provide table)]*

2. Brain weight - *[absolute and relative as appropriate, relate to any histological changes]*

Table 9: Absolute and relative brain weights (n=6/sex)

Weights (mg)	Dose Level (mg/kg bw)			
	Control	Low Dose	Mid Dose	High Dose
Males				
Body wt				
Brain wt				
Brain/body wt				
Female				
Body wt				
Brain wt				
Brain/body wt				

Data were extracted from *[cite study report page nos.]*
* Statistically different ($p < 0.05$) from the control.

3. Neuropathology:

Include information as to what types of lesions were found. If neuropathological alterations were observed in the high dose group, were lower dose groups sequentially examined? If evidence of neuropathological alterations was seen, was a subjective diagnosis (dose-blind coded re-reading) conducted? If treatment-related lesions were found, include information in a table, including information regarding lesion severity; if no treatment-related lesions were found, include some information in text regarding reported incidence of lesions unrelated to treatment and in control groups. A sample table (with sample data) is included below.

Table 10. Incidence of neuropathological findings *[Tissues listed are examples, change as needed.]*

	Treatment Group	
	Male	Female

Lesion	Control	High Dose	Control	High Dose
Sciatic Nerve -mid-thigh -notch (mid-thigh or notch)				
Sural Nerve				
Tibial Nerve				
Lumbar Roots -dorsal -ventral -(dorsal or ventral)				
Axonal degeneration -some peripheral nerve				

n=5 for all groups
All lesions were graded minimal except for sciatic nerve degeneration in one control female (graded mild) MF=multifocal; all other lesions were focal.
Numbers in parentheses represent combined incidence.
Data were extracted from individual animal pathology data tables, *[cite study report page nos.]*

III. INVESTIGATORS' DISCUSSION AND CONCLUSIONS: *[Note any deficiencies and how they impact on the study results and interpretation, if at all. Include the following points in your discussion/conclusions section.]*

[Discuss findings at low, mid- and high doses. Include only major treatment related clinical signs, FOB findings, motor activity changes, body weight or brain weight changes or gross and histopathology or neuropathology, including onset and/or duration if any, or the following statement: There were no treatment related effects on mortality, clinical signs, body weight, brain weight or gross and histologic pathology or neuropathology. FOB and motor activity testing revealed no treatment-related effects. Note if there was a NOAEL for acute neurotoxicity (for acute reference dose consideration during subsequent risk assessment.)]

Based on the effects seen in this study, the LOAEL was *xxx mg/kg bw/day (based on xxx)*, with a NOAEL *of xxx mg/kg bw/day.*

[If applicable]

The LOAEL for plasma cholinesterase inhibition was *xxx mg/kg bw/day*, with a NOAEL of *xxx mg/kg bw/day*.

The LOAEL for erythrocyte cholinesterase inhibition was *xxx mg/kg bw/day*, with a NOAEL of *xxx mg/kg bw/day*.

The LOAEL for brain cholinesterase inhibition was *xxx mg/kg, bw/day* with a NOAEL of *xxx mg/kg bw/day*.

Study Type: Combined chronic toxicity/carcinogenicity-Rat/Mice
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:
Executive Summary:

In a combined chronic /carcinogenicity study test substance was administered to *[(# of animals) species, strain]*/sex/dose in *[dietary, gavage, drinking water, dermal or inhalation]* at dose levels of 0, x, x, or x ppm (equivalent to 0, x, x, x mg/kg bw/day) for *(duration)*.

[Describe toxicity briefly following instructions for exec summary paragraph 2. If there is no toxicity, state that there were no compound related effects on mortality, clinical signs, body weight, food consumption, hematology, clinical chemistry, organ weights, or gross and histologic (including tumors) pathology. Note if there was a NOAEL for clinical findings and when they occurred (for acute reference dose consideration during subsequent risk assessment.)].

The LOAEL is , based on The NOAEL is

At the doses tested, there was *(not)* a treatment related increase in tumor incidence *[specify tumor type]* when compared to controls. ***(Brief** description)*. Dosing was *(not)* considered adequate based on *(mention critical endpoint noted above)*.

I. MATERIALS AND METHODS

A. MATERIALS:

1. Test Material:		*[as named in study]*
	Description:	*[e.g., technical, nature, color, stability]*
	Lot/Batch #:	
	Purity:	% a.i.
	Compound Stability:	
	CAS # for TGAI:	
		[Structure]

2. Vehicle and/or positive control: *[when appropriate]*, Lot/Batch #

3. Test animals:			
	Species:		
	Strain:		
	Age/weight at study initiation:		
	Source:		
	Housing:		
	Diet:	*[describe] ad libitum*	
	Water:	*[describe] ad libitum*	
	Environmental conditions:	**Temperature:**	EC %

		Humidity: **Air changes:** **Photoperiod :**	/hr hrs dark/ hrs light
	Acclimation period:		

B. STUDY DESIGN:

1. Animal Assignment/Dose Levels: Animals were assigned [*note how assigned, e.g., random]* to the test groups noted in Table 1.

TABLE 1: STUDY DESIGN *[change heading and units as appropriate for method of administration]*

Test Group	**Conc. in Diet** ***(units)***	**Dose to animal** ***(units)***	**Main Study # months**		**Interim Sac. # months**	
			Male	**Female**	**Male**	**Female**
Control						
Low (LDT)						
Mid (MDT)						
High (HDT)						

2. Dose Selection: The dose levels were selected based on the results from *[state study type(s)]* where *[route]* - administration of up to *[dose]* resulted in *[state effects]*. *[Use data from range-finding study if available. Put more detail when available in a 1-2 page summary following the Discussions and Conclusions section of this Study Profile]*

3. Diet preparation and analysis: *[if diet is route of administration]*

Diet was prepared *[frequency]* by mixing appropriate amounts of test substance with *[type of food eg., Purina Certified Rodent Diet #5001]* and was stored at temperature. Homogeneity and stability were tested at . During the study, samples of treated food were analyzed *[when and at what dose levels]* for stability and concentration.

Results - Homogeneity Analysis: *[range of values]*

Stability Analysis: *[range of values]*

Concentration Analysis: *[range of values]*

4. Statistics - *[list parameters that were analyzed and the statistical methods used]*

C. METHODS:

1. Observations:

1a. Cage side Observations

Animals were inspected *[frequency]* for signs of toxicity and mortality.

1b. Clinical Examinations

Clinical examinations were conducted *[frequency]*.

1c. Neurological Evaluations

The following evaluations (measurements) were performed on day *[insert treatment day]*: *[list parameters measured] [If neurological evaluations were omitted, give explanation for why, such as available from other studies]*

2. Body weight:

Animals were weighed *[frequency]*.

3. Food consumption and compound intake: *[if feeding study]*

Food consumption for each animal was determined and mean daily diet consumption was calculated as g food/kg body weight/day. Food efficiency *[if given] [body weight gain in kg/food consumption in kg per unit time X 100]* and compound intake (mg/kg bw/day) values were calculated as time-weighted averages from the consumption and body weight gain data.

4. Ophthalmoscopic examination:

Eyes were examined *[when]*

5. Hematology & Clinical Chemistry:

Blood was collected *[fasted? method and time of collection and how many animals]* for hematology and clinical chemistry analysis from all surviving animals. The CHECKED (X) parameters were examined.

a. Hematology

	Hematocrit (HCT)*	Leukocyte differential count*
	Hemoglobin (HGB)*	Mean corpuscular HGB (MCH)*
	Leukocyte count (WBC)*	Mean corpusc. HGB conc.(MCHC)*
	Erythrocyte count (RBC)*	Mean corpusc. volume (MCV)*
	Platelet count*	Reticulocyte count
	Blood clotting measurements*	
	(Thromboplastin time)	
	(Clotting time)	
	(Prothrombin time)	

* Recommended for combined chronic/carcinogenicity studies based on Guideline 870.4300.

b. Clinical Chemistry

	ELECTROLYTES	**OTHER**
	Calcium*	Albumin*
	Chloride*	Creatinine*
	Magnesium*	Urea nitrogen*
	Phosphorus*	Total Cholesterol*
	Potassium*	Globulins*
	Sodium*	Glucose (fasting)*

	ENZYMES (more than 2 hepatic enzymes)* Alkaline phosphatase (ALK)* Cholinesterase (ChE) Creatine phosphokinase Lactic acid dehydrogenase (LDH) Alanine aminotransferase (ALT/ SGPT)* Aspartate aminotransferase (AST/ SGOT)* Gamma glutamyl transferase (GGT)* Sorbitol Glutamate dehydrogenase*	Total bilirubin Total protein (TP)* Triglycerides Serum protein electrophoresis

* Recommended for combined chronic and carcinogenicity studies based on Guideline 870.4300.

6. Urinalysis:

Urine was collected from *[fasted?]* animals at *[times]*. The CHECKED (X) parameters were examined.

	Appearance* Volume* Specific gravity / osmolality* pH* Sediment (microscopic) Protein*	Glucose* Ketones* Bilirubin* Blood/ red blood cells* Nitrate Urobilinogen

* Recommended for combined chronic and carcinogenicity studies based on Guideline 870.4300.

7. Sacrifice and Pathology

All animals that died and those sacrificed on schedule were subjected to gross pathological examination and the CHECKED (X) tissues were collected for histological examination *[note if not all collected tissues were examined]*. The (XX) organs, in addition, were weighed.

	DIGESTIVE SYSTEM Tongue Salivary glands* Esophagus* Stomach* Duodenum* Jejunum* Ileum* Cecum* Colon* Rectum* Liver*+ Gall bladder* (not rat) Bile duct (rat) Pancreas* **RESPIRATORY** Trachea* Lung*++ Nose* Pharynx* Larynx*	**CARDIOVASC./HEMAT.** Aorta, thoracic* Heart*+ Bone marrow* Lymph nodes* Spleen*+ Thymus **UROGENITAL** Kidneys*+ Urinary bladder* Testes*+ Epididymides*+ Prostate* Seminal vesicle* Ovaries*+ Uterus*+ Mammary gland*	**NEUROLOGIC** Brain (multiple sections)*+ Periph.nerve* Spinal cord (3 levels)* Pituitary* Eyes (retina, optic nerve)* **GLANDULAR** Adrenal gland*+ Lacrimal gland Parathyroids* Thyroids* **OTHER** Bone (sternum and/or femur) Skeletal muscle Skin* All gross lesions and masses*

* Required for combined chronic/carcinogenicity studies based on Guideline 870.4300.
+Organ weight required in combined chronic/carcinogenicity studies.
++Organ weight required if inhalation route.

II. RESULTS *[describe findings, include tables if needed; tables are recommended to depict any treatment-related findings, thus limiting use of text to highlight specific points]*:

A. OBSERVATIONS:

1. Clinical signs of toxicity - *[include cage side observations and clinical examinations; note when signs were first observed]*

2. Mortality -

3. Neurological Evaluations -

B. BODY WEIGHT *[Include a table of body weight gain, especially 0-3, 3-13, (0-13), 13-26, 26-52, 52-75, 75-104 weeks, rather than cumulative weight gain alone, especially if there is a treatment related effect. Other time points should be included as appropriate to get the point across]*

TABLE 2: Mean body weights (BW) and body weight gains (BWG) [a] *[SAMPLE - some form of this table is required when there is a treatment-related effect]*

g∀SD	0	LDT	MDT	HDT
MALES Initial BW				

Final BW				
BWG Wk 1 (% C)				
BWG Wk 1-13 (%C)				
BWG Wk 13-26 (% C)				
BWG Wk 26-52 (% C)				
BWG Wk 52-75 (% C)				
Overall BWG Wk -1-104				
FEMALES Initial BW				
Final BW				
BWG Wk 1 (% C)				
BWG Wk 1-13 (%C)				
BWG Wk 13-26 (% C)				
BWG Wk 26-52 (% C)				
BWG Wk 52-75 (% C)				
Overall BWG Wk -1-104				

C = control

[a] Data obtained from pages *(insert page #s)* in the study report.

* Statistically different ($p < 0.05$) from the control.

** Statistically different ($p < 0.01$) from the control.

C. FOOD CONSUMPTION AND COMPOUND INTAKE *[if feeding study]*

1. Food consumption -

2. Compound consumption (time-weighted average) *[include compound intake in table 1]* -

3. Food efficiency *[if relevant, - relate to effects on body weight gain]*

D. OPHTHALMOSCOPIC EXAMINATION -

E. BLOOD ANALYSES ***[Tables to show treatment-related findings are OPTIONAL, but recommended for treatment-related findings]*:**

1. Hematology - *[relate to any histological findings]*

2. Clinical Chemistry - *[relate to any histological findings]*

F. URINALYSIS -

G. SACRIFICE AND PATHOLOGY [*Tables are OPTIONAL, but recommended for treatment-related findings; limit text to integration of findings, highlights]*:

1. Organ weight - *[absolute and relative as appropriate, relate to any histological changes]*

2. Gross pathology -

3. Microscopic pathology - *[relate with other findings, as appropriate]*

a) Non-neoplastic -

b) Neoplastic -

III. INVESTIGATORS' DISCUSSION AND CONCLUSIONS: *[Note any deficiencies and how they impact on the study results and interpretation, if at all. Include the following points in your discussion/conclusions section]*

[Describe the significant findings and provide justification for the conclusions.]

The LOAEL is mg/kg/day, based on the NOAEL is mg/kg/day.

[At the doses tested, there was *(not)* a treatment related increase in tumor incidence *[specify tumor type]* when compared to controls. ***(Brief** description)*. Dosing was *(not)* considered adequate based on *(mention critical endpoint noted above).*]

Study Type: Prenatal Developmental Toxicity Study - *[Rodent species]*

Guidelines:

Study No.:

Study Initiation Date:

Study Completion Date:

Executive Summary:

In a developmental toxicity study test substance *(% a.i., batch/lot #)]* was administered to *[(# of females) strain]* rats/dose in *[diet, water, by capsule, by gavage]* at dose levels of 0, x, x, or x mg/kg bw/day from days *[#]* through *[#]* of gestation.

[Describe maternal toxicity briefly. If none, state that there were no treatment-related effects in survival, clinical signs, body weight, food consumption, or cesarean parameters. Include effects at doses >LOAEL.]

The maternal LOAEL is mg/kg bw/day, based on *[endpoints]*.

The maternal NOAEL is mg/kg bw/day.

[Describe developmental toxicity briefly. If none, state that there were no treatment-related effects in developmental parameters. Include effects at doses > LOAEL.

The developmental LOAEL is mg/kg bw/day, based on *[endpoints].*

The developmental NOAEL is mg/kg bw/day.

I. MATERIALS AND METHODS

A. MATERIALS:

1. Test Material:		*[as named in study]*
	Description:	*[e.g., technical, nature, color, stability]*
	Lot/Batch #:	
	Purity:	% a.i.
	Compound Stability:	
	CAS #of TGAI:	
		[Structure]

2. Vehicle and/or positive control: *[when appropriate]*, Lot/Batch #; Purity

3. Test animals:		*[include information for females and males]*	
	Species:		
	Strain:		
	Age/weight at study initiation:		
	Source:		
	Housing:		
	Diet:	*[describe]* *ad libitum*	
	Water:	*[describe]* *ad libitum*	
	Environmental conditions:	**Temperature:** **Humidity:** **Air changes:** **Photoperiod:**	EC % /hr hrs dark/ hrs light
	Acclimation period:		

B. PROCEDURES AND STUDY DESIGN

1. Mating: *[describe technique used, e.g.,* sexually mature females were mated with sexually mature males *(verify males were same strain, source as female).]* Confirmation of mating was determined by *[describe, e.g., the presence of sperm in the vaginal washing; or the presence of a copulatory plug]* and was designated as day [0] of gestation.

2. Animal Assignment: Animals were assigned [*randomly?, how?]* to dose groups as indicated in Table 1 *[The information in this table is **MANDATORY**]*.

TABLE 1. Animal Assignment *[change heading / units as appropriate for method of administration]*

Dose (mg/kg bw/day)	**0**	**LDT**	**MDT**	**HDT**
# Females				

3. Dose selection rationale: The dose levels were selected based on the results from *[state study type(s)]* where *[route-* administration of up to *[dose]* resulted in *[state effects]*. *[Use data from range-finding study if available.]*

5. Dosage preparation and analysis *[include frequency]*

Test material-vehicle mixture was prepared *[frequency]* by mixing appropriate amounts of test substance with *[vehicle]* with storage at *[describe]* temperature. Prior to the start of the study, stability of the test substance in *[vehicle]* was evaluated for a period of *[number]* days at *[temperature]*. Concentration and homogeneity (top, middle, and bottom) of the test mixture were evaluated *[frequency]*.

Results - Homogeneity Analysis: *[Range of values]*
Stability Analysis: *[Range of values]*
Concentration Analysis: *[Range of values]*
6. Dosage administration: All doses were administered once daily by *[route]*, on gestation days *[#]* through *[#]*, in a volume of *[#]* mL/kg of body weight/day. Dosing was based on the body weight on the most recent body weight determination *[or on gestation day #]*.

C. OBSERVATIONS

1. Maternal Observations and Evaluations - The animals were checked for mortality or clinical signs *[frequency]*. Body weight and food consumption data were recorded on gestation days *[description]*. Dams were sacrificed on day *[#]* of gestation. Examinations at sacrifice consisted of: *[describe]*

2. Fetal Evaluations - The fetuses were examined in the following manner: *[describe in detail i.e., external, soft tissue and skeletal examination, including assignment of fetuses and standard/non-standard methodologies used]*

D. DATA ANALYSIS

1. Statistical analyses: *[Statistical procedures should be described in detail for each endpoint evaluated. The litter should be considered the unit of statistical analysis. Differentiate between parametric and non-parametric analysis Describe any data transformations used. General statistical assumptions need not be stated unless there are deviations from generally applied techniques. Animals excluded from analyses should be in table footnotes.]*

2. Indices: The following indices were calculated from cesarean section records of animals in the study: *[Formulas or descriptions of pre- and post-implantation loss indices and any other indices as provided in the study report.]*

3. Historical control data: Historical control data were *(not)* provided to allow comparison with concurrent controls. *[Briefly describe source of data and what data were included.]*

II. RESULTS

A. MATERNAL TOXICITY

1. Mortality and Clinical Observations: The following observations were reported: *[Describe findings along with incidences or #animals affected/# animals examined]. [Tables are OPTIONAL]*

2. Body Weight - Body weight data are summarized in Table 2 and as follows: *[Some form of this table is **MANDATORY**. Also include, body weight gain, corrected for gravid uterine weight, as necessary.]*

TABLE 2. Mean (∀SD) Maternal Body Weight Gain (g) [a]

	Dose in mg/kg bw/day (# of Dams)			
Interval	**Control (N)**	**LDT (N)**	**MDT (N)**	**HDT (N)**
Pretreatment: Days # -#				
Treatment: Days # -#				
Posttreatment: Days # -#				

Corrected BW Gain				

a Data obtained from pages *(insert page #s)* in the study report.
* Statistically different ($p < 0.05$) from the control.
** Statistically different ($p < 0.01$) from the control.

3. Food Consumption - Food consumption data are summarized as follows: *[Describe findings]*. *(Include table only if needed).*

4. Gross Pathology - Gross pathology data are summarized as follows: *[Describe findings]*.

5. Cesarean Section Data - Data are as follows: *[Describe findings]*; as summarized in Table 3. *[Some form of this table is **MANDATORY**; data should be presented as both fetal and litter incidences]*

TABLE 3 Cesarean Section Observations [a] *[Include ±SD with mean values, as appropriate.]*

Observation	Dose (mg/kg bw/day)			
	0	LDT	MDT	HDT
# Animals Assigned (Mated)				
# Animals Pregnant **Pregnancy Rate (%)**				
# Nonpregnant				
Maternal Wastage **# Died** **# Died Pregnant** **# Died Nonpregnant** **# Aborted** **# Premature Delivery**				
Total # Corpora Lutea **Corpora Lutea/Dam**				
Total # Implantations **(Implantations/Dam)**				
Total # Litters				
Total # Live Fetuses **(Live Fetuses/Dam)**				
Total # Dead Fetuses **(Dead Fetuses/Dam)**				
Total # Resorptions **Early** **Late** **Resorptions/Dam** **Early** **Late**				

Litters with Total Resorptions				
Mean Fetal Weight (g) **Males** **Females**				
Sex Ratio (% Male)				
Preimplantation Loss (%)				
Postimplantation Loss (%)				

a Data obtained from pages *(insert page #s)* in the study report.
* Statistically different ($p < 0.05$) from the control.
** Statistically different ($p < 0.01$) from the control.

B. DEVELOPMENTAL TOXICITY *[Special instructions for Tables 4a, b, c: generally present variations and malformations (or other classifications of anomalies) separately; if there are no treatment-related findings include only a few of the most common findings; give the total visceral, skeletal and visceral alterations when applicable. Some form of these tables are **MANDATORY**.]*

1. External Examination - *[Describe noteworthy findings].*

2. Visceral Examination - *[Describe noteworthy findings].*

3. Skeletal Examination - *[Describe noteworthy findings].*

TABLE 4a. External Examinations [a]

Observations [b]	**Dose (mg/kg bw/day)**			
	0	**LDT**	**MDT**	**HDT**
#Fetuses(litters) examined				
#Fetuses(litters) affected				
[Finding]	( ) [c]	( )	( )	( )

a Data obtained from pages *(insert page #s)* in the study report.
b Some observations may be grouped together.
c Fetal (litter) incidence
* Statistically different ($p < 0.05$) from the control.
** Statistically different ($p < 0.01$) from the control.

TABLE 4b. Visceral Examinations a

Observations [b]	Dose (mg/kg bw/day)			
	0	LDT	MDT	HDT
#Fetuses(litters) examined				
#Fetuses(litters) affected				
[Finding]	( ) [c]	( )	( )	( )

a Data obtained from pages *(insert page #s)* in the study report.
b Some observations may be grouped together., c Fetal (litter) incidence
* Statistically different ($p < 0.05$) from the control.

TABLE 4c. Skeletal Examinations [a]

Observations [b]	Dose (mg/kg bw/day)			
	0	LDT	MDT	HDT
#Fetuses(litters) examined				
#Fetuses(litters) affected				
[Finding]	( ) [c]	( )	( )	( )

a Data obtained from pages *(insert page #s)* in the study report.
b Some observations may be grouped together., c Fetal (litter) incidence
* Statistically different ($p < 0.05$) from the control., ** Statistically different ($p < 0.01$)

III. INVESTIGATORS' DISCUSSION and CONCLUSIONS: *[Note any deficiencies and how they impact on the study results and interpretation, if at all. Include the following points in your discussion/conclusions section.]*

[Describe the significant maternal findings and provide justification for the conclusions.]

The maternal LOAEL is mg/kg bw/day, based on *[endpoints]*.
The maternal NOAEL is mg/kg bw/day.

[Describe developmental toxicity briefly.]

a. Deaths/Resorptions:
b. Altered Growth:
c. Developmental Variations:
d. Malformations:

[If none, state that there were no treatment-related effects in developmental parameters. Include effects at doses >LOAEL.]

The developmental LOAEL is mg/kg bw/day, based on *[endpoints]*.
The developmental NOAEL is mg/kg bw/day.

Study Type: Two Generation Reproduction and Fertility Effects Study - *[Rodent species]*
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:
In a *[#]*-generation reproduction study (MRID *[number]*) *[Chemical name (% a.i., batch/lot #)]* was administered to *[(# of animals) strain, species]*/sex/dose in *[diet, water, by capsule, by gavage]* at dose levels of 0, x, x, x ppm (equivalent to 0, x, x, or x mg/kg bw/day). *(Mention number of litters per generation and other critical or unusual procedures)*
[Describe parental toxicity briefly for both males and females, including treatment-related effects at doses >LOAEL if applicable.
The parental systemic LOAEL is ppm (mg/kg bw/day in males, mg/kg bw/day in females), based on *[endpoint]*.

The parental systemic NOAEL is ppm (mg/kg bw/day in males, mg/kg bw/day in females).

I. MATERIALS AND METHODS

A. MATERIALS:

1. Test Material:		*[as named in study]*
	Description:	*[e.g., technical, nature, color, stability]*
	Lot/Batch #:	
	Purity:	% a.i.
	Compound Stability:	
	CAS # of TGAI:	
		[Structure]

2. Vehicle and/or positive control: *[when appropriate]*, Lot/Batch # , Purity

3. Test animals:			
	Species:		
	Strain:		
	Age at study initiation:	(P) x wks; (F_1) x wks	
	Wt. at study initiation:	(P) Males: x-x g; Females: x-x g (F_1) Males: x-x g; Females: x-x g	
	Source:		
	Housing:		
	Diet:	*[describe[ad libitum*	
	Water:	*[describe] ad libitum*	
	Environmental conditions:	**Temperature:** **Humidity:** **Air changes:** **Photoperiod:**	EC % /hr hrs dark/ hrs light
	Acclimation period:		

B. PROCEDURES AND STUDY DESIGN

1. Mating procedure: *[SAMPLE - [#] male was caged with [#] females from the same test group until sperm cells were observed in vaginal smears taken daily during the mating period. If sperm were not found after [#] days' observation, the first male was removed and [#] days later was replaced by another male with proven fertility in the same test group. (If two attempts at mating were unsuccessful the report should state that no further matings were tried. Sibling matings should also be avoided for F_1.)*

After successful mating, each pregnant female was individually placed into a cage with a solid bottom and bedding where it was kept through gestation and lactation.]

2. Study schedule: *[SAMPLE - The P parental animals were given test diets for [#] weeks before they were mated, and the F_1 parental animals were not mated until [#] weeks after they were selected from the F_1 litters. Selection of parents for the F_1 generation was made when the pups were [#] days of age, and the mated animals in the study were approximately [#] weeks of age at mating.]*

3. Animal assignment: P animals were randomly *[how]* assigned to test groups as seen in Table 1. ***[The information in this table is MANDATORY]***

TABLE 1. Animal Assignment ***[MANDATORY**, include data from both generations in the table as needed]*

Test Group	Dose in Diet [a] *(units)*	Animals/group			
		P Males	**P Females**	**F_1 Males**	**F_1 Females**
Control					
Low (LDT)					
Mid (MDT)					
High (HDT)					

a Diets were administered from *[beginning of the study until sacrifice]*

4. Dose selection rationale: The dose levels were selected based on the results from *[state study type(s)]* where *[route]*- administration of up to *[dose]* resulted in *[state effects]*. *[Use data from range-finding study if available.]*

5. Dosage preparation and analysis:

Formulations were prepared *[frequency]* by mixing appropriate amounts of test substance with *[vehicle, e.g., type of food]* and were stored at *[describe]* temperature. Prior to the start of the study, stability of the test substance in *[vehicle]* was evaluated for a period of *[number]* days at *[temperature]*. Homogeneity (top, middle, and bottom) was evaluated at *[frequency]*. During the study, samples of *[treated food or test substance formulations]* were analyzed *[when and at what dose levels]* for concentration.

Results - Homogeneity Analysis: *[Range of values]*

Stability Analysis: *[Range of values]*

Concentration Analysis: *[Range of values]*

C. OBSERVATIONS

1. Parental animals: Observations and the schedule for those observations are summarized from the report. *[Description of endpoints in text or table format is **MANDATORY**; including: mortality and clinical signs, detailed examinations, body weight and food consumption, estrous cyclicity, sperm parameters, etc.]*

2. Litter observations: According to the report, the following litter observations (X) were made (see Table 2). *[Some form of this table is **MANDATORY** for both generations; include anogenital distance, if measured, sexual maturation, etc.]*

TABLE 2. F_1 / F_2 Litter Observations [a] *[MANDATORY]*

Observation	Time of observation (lactation day)					
	Day 0	Day 4 [b]	Day 4 [c]	Day 7	Day 14	Day 21
Number of live pups						
Pup weight						
External alterations						
Number of dead pups						
Sex of each pup (M/F)						

a Data obtained from pages *(insert page #s)* in the study report.
b Before standardization (culling)
c After standardization (culling)
On day 4 postpartum, litters were/were not standardized to a maximum of *[#]* pups/litter (*[#]*/sex/litter, as nearly as possible); excess pups were killed and discarded.
Dead pups were examined grossly for external and internal abnormalities, and a possible cause of death was/was not determined for pups born or found dead.

3. Postmortem observations:

1) Parental animals: All surviving parental males were sacrificed [*SAMPLE - as soon as possible after the last litters in each generation were produced.]* Maternal animals were sacrificed [*SAMPLE - after the last litter of each generation was weaned.]* These animals were subjected to postmortem examinations as follows.
Gross necropsy consisted of external and internal examinations including the cervical, thoracic, and abdominal viscera.
The following tissues (X) were prepared for microscopic examination and weighed (XX): *[Table is OPTIONAL; add other organs to the list if necessary.]*

	Ovaries		Testes
	Uterus		Epididymides
	Vagina/cervix		Prostate
	Lesions		Seminal vesicles

2) Offspring: The F_1 offspring not selected as parental animals and all F_2 offspring were sacrificed at *[number]* days of age. These animals were subjected to postmortem examinations (macroscopic and/or microscopic examination) as follows. *[Table is OPTIONAL]*

D. DATA ANALYSIS

1. Statistical analyses: *[list parameters that were analyzed and the statistical methods used]*

2. Indices:

Reproductive indices: The following reproductive indices were calculated from breeding and parturition records of animals in the study: *[Formulas or descriptions as provided in the study report.]*

Offspring viability indices: The following viability indices were calculated from lactation records of litters in the study: *[Formulas or descriptions as provided in the study report.]*

3. Historical control data: *[If provided, describe sample set.]*

II. RESULTS

A. PARENTAL ANIMALS

1. Mortality and clinical signs: *[Discuss treatment-related mortality including cause of death and time of occurrence.]*

The following clinical signs were observed: *[Describe findings]*. These results are summarized in Table 3. *[Table is OPTIONAL; findings should be presented for each generation and sex]*

TABLE 3. Mortality and Clinical Signs a

Observation	Dose Group			
	Control	LDT	MDT	HDT
***[P or F_1]* Generation - Males**				
***[P or F_1]* Generation - Females**				

a Data obtained from pages *(insert page #s)* in the study report.

2. Body weight and food consumption:

Body weight was *[Describe findings]*.

Food consumption was *[Describe findings]*.

Reported body weight and selected food consumption results are summarized in Table 4. *[The data contained in this table are **MANDATORY**; findings should be presented for each generation and sex; data can be split into more than one table.]*

TABLE 4. Mean (∀SD) Body Weight and Food Consumption - Pre-mating [a]

Observations/study week	Dose Group			
	Control	LDT	MDT	HDT
***[P or F_1]* Generation Males - Pre-mating**				
Mean body weight (g) Week *[#]*				
Mean weight gain (g) Weeks *[# - #]*				
Mean food consumption (g/animal/day)				

Weeks *[# - #]*				
***[P or F1]* Generation Females - Pre-mating**				
Mean body weight (g) Week *[#]*				
Mean weight gain (g) Weeks *[# - #]*				
Mean food consumption (g/animal/day) Week *[# - #]*				

a Data obtained from pages *(insert page #s)* in the study report.

* Statistically different from control, $p<0.05$.

** Statistically different from control, $p<0.01$.

Selected group mean body weights and food consumption values for pregnant or nursing dams were summarized in the report as follows. *[Table presentation is OPTIONAL; findings during gestation and lactation should be presented or discussed for each generation.]*

3. Test Substance Intake: Based on food consumption, body weight, *[and dietary analyses results]*, the doses expressed as mean daily mg test substance/kg body weight during the *[duration in weeks]* pre-mating period are presented in Table 5. ***[MANDATORY]*** The values for the *[P or F1]* generation are considered to be representative of the test substance intake for the entire study.

TABLE 5. Mean test substance intake during premating (mg/kg body weight/day) [a]

	Male			**Female**		
	LDT	**MDT**	**HDT**	**LDT**	**MDT**	**HDT**
P						
F1						

a Data obtained from pages *(insert page #s)* in the study report.

4. Reproductive function:

a. Estrous cycle length and periodicity: *[Summarize any biologically relevant effects on the estrous cycle]* Results from the evaluation of vaginal smears indicated *[Describe findings]*. *[Table is OPTIONAL; findings should be presented for each generation.]*

b. Sperm measures: *[Summarize any biologically relevant effects on sperm parameters (epididymis sperm counts, motility, morphology; and testicular spermatid counts).]* Results from the evaluation of sperm parameters revealed *[Describe findings]*. *[Tables are OPTIONAL; findings should be presented for each generation.]*

5. Reproductive performance: *[Summarize any biologically relevant effects on reproductive performance]* Results for the parental animals are summarized from the report in Table 6. ***[MANDATORY**; findings should be presented for each generation and each litter; the table should be based on report content and include any calculated reproductive indices.]*

TABLE 6. Reproductive Performance [a] *[Example:]*

Observation	Dose Group (ppm)			
	Control	LDT	MDT	HDT
P Generation - Litter A				
Mean (∀SD) precoital interval (days)				
MALES				
Number mated				
Number fertile				
Fertility not determined				
Intercurrent deaths				
FEMALES				
Number mated				
Number fertile				
Fertility not determined				
Intercurrent deaths				
Mean (∀SD) gestation interval (days)				
Number of litters				

a Data obtained from pages *(insert page #s)* in the study report.
* Statistically different from control, $p<0.05$.
** Statistically different from control, $p<0.01$.

6. Parental postmortem results:

a) Organ weights: The report noted *[Describe findings, relate to histological observations]*. Selected absolute and relative (to body weight *[brain weight])* organ weight values are presented in the following table. *[Table is OPTIONAL, but recommended]*

b) Pathology

1) Macroscopic examination: The report noted the following observations to be related to the administration of the test substance. *[Describe findings] [Table is OPTIONAL, but recommended for treatment-related findings]*

2) Microscopic examination: The report noted the following observations to be related to the administration of the test substance. *[Describe findings, relate with other findings as appropriate] [Table is OPTIONAL, but recommended for treatment-related findings]*

B. OFFSPRING

1. Viability and clinical signs: The following findings were reported: *[Discuss results; describe anogenital distance results, if measured.]*

Mean litter size and viability (survival) results from pups during lactation are summarized from the report in Table 7. ***[MANDATORY]***

TABLE 7. Litter parameters for F_1 and F_2 generations [a] ***[Example; data should be presented for each generation (F_1 and F_2 pups); include ∀SD with mean values, as appropriate.]***

Observation	Dose Group (ppm)			
	Control	50	250	1250
F_1 Generation				
Mean implantation sites				
Number born live				
Number born dead				
Sex Ratio Day 0 (% %)				
# Deaths Days 0-4 (%)				
# Deaths Days 4-21 (%)				
Mean litter size Day 0				
Day 4 [b]				
Day 4 [c]				
Day 7				
Day 14				
Day 21				
Birth index				
Live birth index				
Viability index				
Lactation index				
F_2 Generation				
Mean implantation sites				
Number born live				
Number born dead				
Sex Ratio Day 0 (%				

Observation	Dose Group (ppm)			
	Control	50	250	1250
%)				
# Deaths Days 0-4 (%)				
# Deaths Days 4-21 (%)				
Mean litter size Day				
Day 4 [b]				
Day 4 [c]				
Day 7				
Day 14				
Day 21				
Birth index				
Live birth index				
Viability index				
Lactation index				

a Data obtained from pages *(insert page #s)* in the study report.
b Before standardization (culling)
c After standardization (culling)
* Statistically different from control, $p<0.05$
** Statistically different from control, $p<0.01$

The report stated that the clinical observations of offspring during lactation included *[Describe findings]*. The results of these observations are as follows. *[Table is OPTIONAL]*.

2. Body weight: Offspring body weights were *[Describe findings]*. Selected mean pup body weight data are presented in Table 8. *[Table is **MANDATORY**]*

TABLE 8. Mean (∀SD) Litter and Pup Weights (g) [a] *[Example; data should be presented for each generation (F_1 and F_2 pups)]*

Dose Group (ppm)								
Lactation Day	0	50	250	1250	0	50	250	1250
	F_1 Litters				F_2 Litters			
1								

4 b								
4 c								
7								
14								
21								
	F_1 Pups - male				**F_2 Pups - male**			
1								
4 b								
4 c								
7								
21								
	F_1 Pups - female				**F_2 Pups - female**			
1								
4 b								
4 c								
7								
21								

a Data obtained from pages *(insert page #s)* in the study report.
b Before standardization (culling)
c After standardization (culling)
* Statistically different from control, $p<0.05$
** Statistically different from control, $p<0.01$

3. Sexual maturation (F_1): *[Summarize any biologically relevant effects on vaginal opening and preputial separation.]* Sexual maturation was *[Describe findings]*. *[Table is OPTIONAL]*

4. Offspring postmortem results:

a) Organ weights: The report noted *[Describe findings]*. Selected absolute and relative (to body weight *[brain weight])* organ weight values are presented in the following table. *[Table is OPTIONAL, but recommended for treatment-related findings]*

b) Pathology

1) Macroscopic examination: The following findings were reported: *[Describe findings] [Table is OPTIONAL, but recommended for treatment-related findings]*

2) Microscopic examination: The report noted the following: *[Describe findings] [Table is OPTIONAL, but recommended for treatment-related findings]*

III. INVESTIGATORS' DISCUSSION AND CONCLUSIONS: *[Note any deficiencies and how they impact on the study results and interpretation, if at all.] [Describe the significant findings for and provide justification for the conclusions parental systemic, offspring, and reproductive toxicity.]*

The parental systemic LOAEL is ppm (mg/kg bw/day in males, mg/kg bw/day in females), based on *[endpoint]*.
The parental systemic NOAEL is ppm (mg/kg bw/day in males, mg/kg bw/day in females).

The offspring LOAEL is ppm (mg/kg bw/day), based on *[endpoint]*. The offspring NOAEL is ppm (mg/kg bw/day).

[Note: If unequivocal evidence of reproductive toxicity was observed, then describe and determine a separate LOAEL and NOAEL for reproductive toxicity. Include treatment-related effects at doses >LOAEL if applicable.], i.e.,
The reproductive LOAEL is ppm (mg/kg bw/day in males, mg/kg bw/day in females), based on *[endpoint]*.
The reproductive NOAEL is ppm (mg/kg bw/day in males, mg/kg bw/day in females).

Study Type: Metabolism Rat- ***[rodent species]*****;**
Guidelines:
Study No.:
Study Initiation Date:
Study Completion Date:

Executive Summary:
In a metabolism study test substance *[Chemical name (% a.i., batch/lot #), include location of radioactive label]* was administered to *[(# of animals) species, strain]*/sex/dose in *[method of exposure: eg. by gavage]* at dose levels of 0, x, x [mg/kg or other pertinent units].
Be brief (one or two paragraphs) [Describe, as appropriate: recoveries and routes of elimination of radioactivity and time frame as they relate to absorption and excretion of the compound; radioactivity in organs of concern, especially as it relates to bioaccumulation; sex and treatment group differences; and expired air radioactivity; major metabolites; other major factors.]
This metabolism study in the *(species)* is classified *[acceptable, unacceptable (guideline, non-guideline)]* and satisfies *(does not satisfy)* the guideline requirement for a metabolism study [OPPTS 870.7485, OECD 417] in *[species] [If unacceptable, why and is it upgradable. If it does not satisfy the requirement, concisely list only major deficiencies or refer to deficiency section.]*

I. MATERIALS AND METHODS

A. MATERIALS:

1. Test Compound:

Radiolabelled Test Material:		*[indicate position of radiolabel, eg.,* **[Phenyl-U-^{14}C] XX***]*
	Radiochemical purity	% *[determined by HPLC, GC or TLC]*
	Specific Activity	ΦCi/mg
	Lot/Batch #:	
Non-Radiolabelled Test Material:		*[as named in study]*
	Description:	*[e.g., technical, nature, color, stability]*
	Lot/Batch #:	
	Purity:	% a.i. *[determined by HPLC, GC or TLC]*
	Contaminants:	
	CAS # of TGAI:	
		[Structure, include location of label]

2. Vehicle and/or positive control: *[when appropriate]*, Lot/Batch #; Purity

3. Test animals:		
	Species:	
	Strain:	
	Age/weight at study initiation:	
	Source:	

	Housing:		
	Diet:	*[describe]* *ad libitum*	
	Water:	*[describe]* *ad libitum*	
	Environmental conditions:	**Temperature:** **Humidity:** **Air changes:** **Photoperiod:**	EC % /hr hrs dark/ hrs light
	Acclimation period:		

4. Preparation of dosing solutions:

B. STUDY DESIGN AND METHODS:

1. Group Arrangements

Animals were assigned *[note how assigned, e.g., random, briefly describe groups as needed]* to the test groups noted in Table 1.

TABLE 1: Dosing groups for pharmacokinetic studies for *(chemical) [some form of this data presentation is **RECOMMENDED**. If additional test groups are used (e.g., pilot study, dermal exposure, inhalation exposure or biliary cannulation etc.) include them in the table]*

Test Group	Dose of labeled material (mg/kg)	Number/sex	Remarks (eg. time of sacrifice)
Oral Dose			
Treatment 2 *[if applicable]*			
Treatment 3 *[if applicable]* : :			

2. Dosing and sample collection:

[Briefly describe dosing methods and sample collection]

a. Pharmacokinetic studies

[give details of experiments including what was sampled (urine, feces, tissues, cage washes, bile, if appropriate) and when and how often.]

b. Metabolite characterization studies

[What was collected for identification, when and from how many animals (samples pooled or not), method type for identification (e.g. GCMS or TLC)].

3. Statistics: *[list parameters that were analyzed and the statistical methods used]*

II. RESULTS

A. PHARMACOKINETIC STUDIES:

1. Preliminary experiment *[if applicable]*

[Briefly describe results]

2. Absorption

[Briefly describe absorption, may include an optional table relating excretion of radioactivity (in urine, feces, etc.) to sampling time]