

Expertise in Regulatory Data Generation for Agrochemical & Chemical Companies

Eurofins Advinus is one of India's leading Contract Research Organizations with **30+ years of GLP experience**



Multi-disciplinary scientific team,

We support the development and testing of all varieties of pesticides, biostimulants, industrial chemicals, UVCBs and other speciality chemicals for **global registration**.



CIB&RC



OECD



US-EPA



CIPAC



EEC



FAO



ABNT



NBR



JMAFF



SANCO

Proven track record offering agrochemical development services to clients in accordance with global regulatory requirements

Partner of choice for agrochemicals, biocidal & speciality chemicals GLP studies

Our Expertise Include -

Chemistry

- **Impurity Profiling and 5-Batch Analysis**
- **Physical Chemical Properties and Stability Studies**
- **Environmental Fate Studies**
 - Rate And Route Of Degradation On Soil (Aerobic And Anaerobic)
 - Adsorption / Desorption On Soil
 - Rate And Route Of Degradation On Sediment Systems
 - Hydrolysis
 - Direct And Indirect Aqueous Photolysis
 - Photolysis On Soil Surface
 - High Temperature Hydrolysis
 - Mineralisation In Surface Water
 - Mobility In Soil
 - ¹⁴C Radiolabelled Studies
 - Ready Biodegradability
 - Residue And Persistence Studies
- **Method Validation For Residues In Body Fluids, Animal Matrices, Plant Matrices, Water Systems, Soil And Air.**
- **Persistence Studies**
- **Toxicokinetics**
- **Metabolism Studies**
 - In Rotational Crops
 - In Other Biological Systems
 - Comparative In Vitro Metabolism
 - Metabolism In Livestock
 - Residues In Livestock
- **Skin Absorption - In Vitro Method**
- **Soil Micro-organism: Carbon/nitrogen Transformation Tests**
- **Ready Biodegradability**

Ecotoxicology

- **Aquatic**
 - Acute Toxicity - Fish, Daphnia, Alga, Lemna, Etc.
 - Early Life Stage And Juvenile Growth Test In Fish
 - Fish Embryo Toxicity Test
 - Daphnia Reproduction Test

- **Terrestrial**
 - Acute Toxicity To Earthworm, Honeybee (Oral & Contact), Silkworm
 - Earthworm Reproduction Test
 - Honeybee Larval Toxicity Test
 - Honeybee Oral Chronic Test
- **Terrestrial Plant Test: Seedling Emergence And Vegetative Vigour Test**
- **Activated Sludge Respiration Inhibition Test**

Field

- **Efficacy Trials**
- **Residue And Persistence Studies (GLP Or Non-GLP)**
- **For Pesticides, Fertilizers, Seeds, Plant Nutrients, Bio-stimulants, Etc.**

Household Pesticides

- **Field Studies For All Insect Pests (Ants, Bedbugs, Houseflies, Mosquitoes, Roaches, Etc)**
- **Public Health Trial For Insects (Houseflies, Mosquitoes, Roaches, & Animal Ectoparasites)**
- **Mosquito Larval Efficacy Studies Under Lab Conditions (In Aedes Mosquitoes)**
- **Long Lasting Insecticide Net Bioassay (In Aedes Mosquitoes)**
- **Efficacy Studies On Housefly (Both Maggots And Adult Flies)**
- **Efficacy Studies On Stored Grain Pests (Especially Against The Three Major Insect Pests Viz., Rice Weevil, Flour Beetle & Pulse Beetle)**

Toxicology Studies through partner labs

- **Mutagenicity Studies**
- **In Vitro Toxicology Studies**
- **Acute Six Pack Studies**
- **Repeat Dose Toxicology Studies (28 Day - 180 Day)**
- **Teratology And Reproduction Studies**
- **Chronic And Carcinogenicity Studies**

Eurofins Advinus Agrosciences Services India Private Limited

#21&22 Phase II, Peenya Industrial Area, Bengaluru 560058, India



+91 8066552700



bd@advinus.com



info@advinus.com