

Our Capability in Crop Protection

Physical-Chemical Testing

EPP has significant experience in performing the physical-chemical tests required to register agrochemicals. We can perform the following tests to help you get your product to market:

OECD Guidelines

- OECD 109 Density of Liquids and Solids
- OECD 114 Viscosity of Liquids
- OECD 121 Estimation of the Adsorption Coefficient (K_{oc}) on Soil and on Sewage Sludge Using HPLC

EC Test Methods

- A3 Relative Density
- A9 Flash-Point (Liquids)
- A10 Flammability (Solids)
- A14 Explosive Properties
- A15 Auto-Ignition Temperature (Liquids and Gases)
- A17 Oxidizing Properties (Solids)
- A21 Oxidising Properties (Liquids)

CIPAC Methods

- MT 31 Free Acidity or Alkalinity
- MT 36 Emulsion Characteristics of Emulsifiable Concentrates
- MT 39 Stability of Liquid Formulations
- MT 46 Accelerated Storage Procedure
- MT 47 Persistent Foaming
- MT 53 Wettability
- MT 75 Determination of pH Values
- MT 148 Pourability of Suspension Concentrates
- MT 160 Spontaneity of Dispersion of Suspension Concentrates
- MT 170 Dry Sieve Analysis of Water Dispersible Granules
- MT 172 Flowability of Granular Preparations after Heat Test Under Pressure
- MT 174 Dispersibility of Water Dispersible Granules
- MT 184 Suspensibility of Formulations Forming Suspensions on Dilution With Water
- MT 185 Wet Sieve Test
- MT 186 Bulk Density
- MT 191 Acidity or Alkalinity of Formulations



[Please contact enquiries@eppltd.com](mailto:enquiries@eppltd.com) for further information

Environmental Safety Testing

EPP has significant experience in performing the ecotoxicology tests required to register agrochemicals. We can perform the following tests to help you get your product to market:

Freshwater Aquatic Tests

- OECD 201 Freshwater Alga and Cyanobacteria, Growth Inhibition Test
- OECD 202 *Daphnia sp.* Acute Immobilisation Test
- OECD 203 Fish, Acute Toxicity Test
- OECD 210 Fish, Early Life Stage Toxicity Test
- OECD 211 *Daphnia magna* Reproduction Test
- OECD 218 Sediment-Water Chironomid Toxicity Using Spiked Sediment
- OECD 219 Sediment-Water Chironomid Toxicity Using Spiked Water
- OECD 221 *Lemna sp.* Growth Inhibition Test
- OECD 229 Fish Short Term Reproduction Assay
- OECD 230 21-Day Fish Assay: A Short-Term Screening for Oestrogenic and Androgenic Activity and Aromatase Inhibition
- OECD 231 Amphibian Metamorphosis Assay
- OECD 234 Fish Sexual Development Test
- OECD 238 Sediment-Free *Myriophyllum spicatum* Toxicity Test
- OECD 239 Water-Sediment *Myriophyllum spicatum* Toxicity Test
- OECD 305 Bioaccumulation in Fish: Aqueous and Dietary Exposure

Marine Aquatic Tests

- OCSPP 850.1035 Mysid Acute Toxicity Test
- OCSPP 850.1350 Mysid Chronic Toxicity Test



Terrestrial Tests

- OECD 208 Terrestrial Plant Test: Seedling Emergence and Seedling Growth
- OECD 213 Honeybees, Acute Oral Toxicity Test
- OECD 214 Honeybees, Acute Contact Toxicity Test
- OECD 216 Soil Microorganisms: Nitrogen Transformation Test
- OECD 222 Earthworm Reproduction Test
- OECD 226 Predatory Mite (*Hypoaspis aculeifer*) Reproduction Test in Soil
- OECD 227 Terrestrial Plant Test: Vegetative Vigour
- OECD 232 Collembolan Reproduction Test in Soil

Bespoke tests are also available on request

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