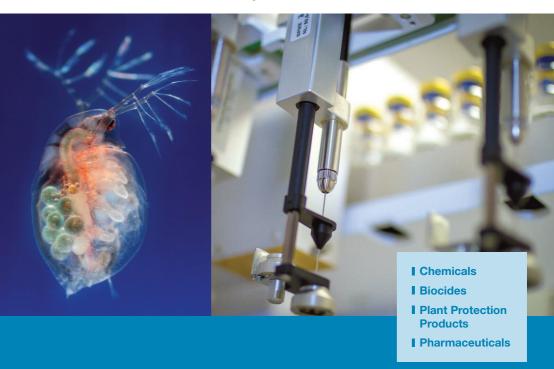


PhysChem, E. Fate and Ecotox Testing

Excellent Analytics
30 Years of GLP Experience



Physical-Chemical Properties

- Storage Stability
- 5-Batch Analysis/ Content Verification
- Solubility
- Surface Tension
- Partition Coefficient
- Small Particles



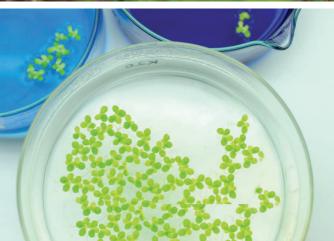
Environmental Fate

- Biodegradation
- Abiotic Degradation
- Bioaccumulation
- Soil Leaching
- Residue Analysis
- Adsorption/Desorption



Aquatic Ecotoxicity

- Freshwater and Seawater Algae
- Fish Acute and Chronic Toxicity
- Freshwater and Seawater Crustaceans
- Sediment Organisms



Analytical Services

- Metabolite/Impurity Identification
- Residue Analysis
- Method development and Validation for all required Matrices
- I ¹⁴C Substance Detection
- Accurate Mass Determination (Q-ToF)
- UltraHPLC-DAD-MS/MS
- Automated SPME-GC-MS/MS
- Radio-HPLC

In-house Analytics for each Study Type and Matrix



Terrestrial Ecotoxicity

- Soil Organisms (Micro- and Macroorganisms)
- Beneficial Arthropods
- Non-target Plants
- Sediment Organisms

Pollinator Ecotoxicity

- Acute and Chronic Honeybee Toxicity
- I Honeybee Larval Toxicity 22 d
- Acute Bumblebee Toxicity
- Acute Solitary Bee Toxicity



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