SMITHERS
ACCURATE DATA • ON TIME • HIGH TOUCH

Environmental and Regulatory Testing

For over 50 years, Smithers GLP-compliant laboratories have assisted global product registrations,supporting our clients with the deepest expertise, unparalleled service levels, efficient technologies, and transparent communication.

With labs in the United States and United Kingdom, Smithers is the first-choice partner for environmental and regulatory testing. We offer tailored and standard services in the areas listed below.

Ecotoxicology studies

- Aquatic ecotoxicology
- Sediment ecotoxicology
- Terrestrial ecotoxicology
- Pollinator studies

Endocrine disruptor testing

- Medaka Extended One-Generation Reproduction Test (MEOGRT)
- Amphibian Metamorphosis Assay (AMA)
- Larval Amphibian Growth & Development Assay (LAGDA)

Environmental fate studies

- Transformation in soil, sediment and water
- Mobility studies
- Biodegradation
- Hydrolysis and photolysis
- In-house GLP test system characterization

Metabolism testing services

- Plant and livestock animal metabolism
- Fish bioconcentration and metabolism
- *In vitro* metabolism and screening studies

Residue chemistry services

- Field residue studies
- Animal residue studies
- Non-dietary exposure studies

Product chemistry services

- Product chemistry and hazardous properties assessment
- 5-batch analysis (preliminary analysis)

GMO feeding studies

Formulation testing

- Technical characteristic testing of formulations
- Storage stability

Smithers supports regional and global regulatory testing for:

- Conventional and biological crop protection products
- Biocides
- Antimicrobials
- Pharmaceutical environmental risk assessment
- Chemicals testing under REACH, TSCA, and global requirements

Learn more about our offerings at www.smithers.com, or contact us to discuss your testing needs.

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ENVIRONMENTAL TESTING

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