

Environmental Fate & Biodegradation Capabilities



www.scymaris.com

Our multidisciplinary team of scientists have vast expertise between them allowing us to build a strong reputation in solving the many biodegradation and environmental fate challenges associated with the global registration of chemicals, agrochemicals, pharmaceuticals, biocides and veterinary medicines.

In addition to performing a full range of higher and lower tier studies, we also offer customised and bespoke study designs and can provide valuable testing strategies for the most complex and challenging circumstances.

For all environmental fate studies, metabolite ID analysis is included as required. We operate in GLP-compliant facilities providing regulatory compliant studies for submission in all geographic regions.



Integrated multi-disciplinary teams across environmental fate and analytical chemistry.



Renowned excellence – trusted by industry leaders.



Direct communication with your study director throughout your project.



Sediment and water capabilities in both freshwater and marine matrices.



Our expertise in method development and mass spectrometry can support the development of extraction, quantification and identification analysis, which is underpinned with the latest analytical instrumentation.



Experienced with a wide range of low and high tier studies and custom/bespoke capabilities.

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OUR LABORATORY CAMPUS

Headquartered at the renowned Brixham Laboratories site containing state of the art facilities, our purpose-built controlled temperature (CT) rooms allow us to consistently maintain a wide range of constant temperatures (9-35°C) at $\pm 1^\circ\text{C}$ to accommodate stringent regulatory requirements.



Studies can also be performed under controlled day/night and red-light facilities using radiolabelled (^{14}C or ^3H) or non-labelled compound. Radiolabelled studies are supported by radio-HPLC, radio-TLC or radio-LCMS as required by our integrated team of environmental fate scientists and mass spectrometry experts. Testing performed to OECD, OCSP and ISO guidelines.

Our radiolabelled or non-radiolabelled studies include:

- Biodegradation
- Soil/sludge toxicity
- Bioconcentration
- Bioaccumulation
- Aqueous hydrolysis



- Aqueous and soil photolysis
- Adsorption/desorption
- Aerobic and anaerobic water/sediment/soil rate of degradation and metabolism
- Column leaching and aged soil column leaching

Contact our expert team with confidence:

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