

Freshwater & Marine Ecotoxicology



www.scymaris.com

Our multidisciplinary team of scientists has considerable experience across multiple vertebrate and invertebrate species and in a variety of test systems, (static, flow through, marine and freshwater environments).

The team comprises proven experts in testing routine and problematic (hydrolytically unstable, highly sorptive, volatile, low solubility) materials and they regularly develop novel methodologies, exposure systems and culture techniques in order to support bespoke testing strategies.

We operate in modern GLP-compliant facilities providing regulatory compliant studies for submission in all geographic regions.



GLP compliant facility in the UK



Acute, chronic and multigenerational aquatic testing services in both freshwater and marine



Multiple study design options: flow-through, semi-static, saturator column, WAF's, etc.



Freshwater and marine species, including Mysid shrimp



Endocrine disruption testing



Experienced in working with difficult substances (poorly soluble, volatile, photo-labile, UVCB)



In-house chemistry support for method development/validation, routine sample analysis and metabolite ID

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OUR LABORATORY CAMPUS



Headquartered at the renowned Brixham laboratories we offer a wide range of freshwater and marine aquatic ecotoxicology to satisfy world-wide regulatory needs.

State of the art facilities for water treatment, controlled temperature rooms, high flow through rates and direct access to clean seawater provide highly flexible and customizable resources for your research project.

Our testing services support a wide range of aquatic vertebrate and invertebrate species and aquatic plants using radiolabelled and non-radiolabelled test materials and include:

ACUTE STUDIES (OECD, OCPP)

- ▶ Algae (All guideline freshwater and marine species)
- ▶ *Daphnia magna*
- ▶ Fish (Rainbow trout, Carp, Fathead minnows, Sheepshead minnows)
- ▶ Marine invertebrates (Mysid Shrimp - *Americamysis bahia*, *Tisbe battaglia*, *Acartia tonsa*)

ENDOCRINE DISRUPTION STUDIES

- ▶ FSTRA OECD 229, OECD 234 (Zebrafish, Medaka, Fathead minnow)
- ▶ OECD 231 (Xenopus AMA) available from September 2023



CHRONIC STUDIES (OECD, OSCPP)

- ▶ Fish Early life stage (Fathead minnows, Zebrafish, Sheepshead minnows)
- ▶ Freshwater invertebrate studies (*Daphnia magna*, *Ceriodaphnia dubia*, *Lymnaea stagnalis*)
- ▶ Freshwater sediment studies (*Chironomus riparius*, *Lumbriculus variegatus*)
- ▶ Marine invertebrates (Mysid Shrimp - *Americamysis bahia*, *Tisbe battaglia*, *Acartia tonsa*)
- ▶ Marine embryo larval studies (Oysters, Sea urchins)
- ▶ Marine sediment (*Corophium volutator*, *Arenicola marina*)

BESPOKE STUDY DESIGN

- ▶ Merger of multiple guidelines or novel methods

Contact our expert team with confidence: