

# Analytical Chemistry



[www.scymaris.com](http://www.scymaris.com)

We are an innovative, responsive organisation with a high degree of ownership by everyone for the success of our clients. Our team has one objective: deliver results and ensure client success.

Our multidisciplinary analytical team have vast experience between them, allowing us to have built a strong reputation based on the recognition that it is often the first and critical step in a chemical's development pathway. Facilitating and influencing the subsequent biological tests, we understand the critical importance of both accuracy and timeliness in delivering these services.



Services in method development and validation, routine sample analysis, product characterisation and ILV's



Phys chem and cold Env Fate studies: Solubility, hydrolysis and dissociation constant (Koc)



Analytical techniques: Gas/liquid/ion chromatography and Total Organic Carbon



Detection systems: Mass spectrometry (EI, ESI and APCI), Flame ionization, Electron capture, Liquid scintillation counting, UV/vis, Conductivity



LC-MS/MS targeted analysis: triple quadrupole systems



Metabolite Identification (Orbitrap): high resolution Mass Spec (MS<sup>n</sup>) for structure elucidation, identification and quantitation



Compound Discoverer: automated detection, metabolite prediction and spectral library comparison



Experienced team of analysts and study directors

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## OUR LABORATORY

### CAMPUS



Headquartered at the world renowned Brixham laboratories containing state of the art facilities, all our GLP laboratories are equipped with the latest analytical instrumentation including Triple quadrupole mass spectrometers for maximum sensitivity for all molecular species in complex matrices.

## Our services include:

Method development: from pure active ingredients to complex reaction products we can deliver solutions to the most challenging analytical problems.

Method validation: in support of studies to international guidelines e.g. OECD, ISO, OCSP, JMAFF, EPPO, IOBC and SANCO.

Customised analytical testing: from dosing or feasibility trials, to field surveys and R&D initiatives we are here to help.



Structural elucidation, Metabolite ID and compound characterisation: in support of Soil, Water/Sediment metabolism studies, sameness analysis for Reach purposes.

Physical/chemical properties testing.

Analytical dose verification: we can support other CRO's with sample analysis from field trials, mesocosm studies and terrestrial ecotoxicology.

Contact our expert team with confidence:



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