

Endocrine Disruptor Services

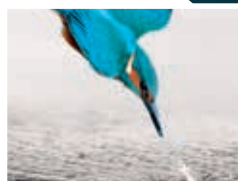
Welcome to Eurofins Agrosience Services

We are a leading provider of product development consultancy and technical support to the crop protection industry. Our technical activities involve conducting field and laboratory studies to determine the safety and efficacy of new agrochemicals and crop varieties. With over 30 years of experience, Eurofins Agrosience Services offers outstanding technical knowledge and project management skills. By acquiring a carefully selected range of CRO's, we have created a unique portfolio of expertise that provides analytical, regulatory and field support to plant breeders, agrochemical, biopesticide, biocide and fine chemical manufacturers.

Endocrine Disruptors

The effects of certain compounds which inhibit the actions of naturally occurring hormones have become a central point of focus for the scientific community and an area of wider concern for the general public. These compounds, 'Endocrine Disruptors' and the study of their effects have become an EPA priority. Globally, endocrine disruptors are an area of concern addressed by authorities world-wide and now include an expanding listing of chemicals for review.

Since 2009 the EPA's initial list of chemicals to be screened for their endocrine effects began initiation of Tier 1 testing for the first group of 67 pesticide compounds. Since then, the program has expanded to include a second list of chemicals recommended for safety screening even as Tier 2 for the initial grouping is emerging.



Eurofins is poised to partner with you to help fulfil the necessary time and data submission requirements.

In response to this, Eurofins Agroscience Services and its partners have prioritised Endocrine Disruptor Screening and can offer the full battery of Tier 1 and Tier 2 assays as described by the EPA.

Our Expertise

Our collaboration of established and dedicated Eurofins companies brings you the highest level of quality testing from our own, global in-house pool of experts. The scientific teams at each laboratory are now well experienced in these tests bringing you the assurance and reliability you need.

Eurofins Agroscience Services EcoChem GmbH

With the capacity and expertise to deliver a full range of national and international regulatory research services, EAS provides customers with flexible, timely professionally managed scientific solutions.

BSL BIOSERVICE

Operating since 1984, BSL BIOSERVICE offers unparalleled service quality, guaranteed by internationally accepted methods, accreditations and certifications, WHO listing and successful FDA inspection.

PSL (Product Safety Labs)

Has provided quality research and testing since 1974. PSL offers a broad range of expert services, recognised by regulatory authorities that include toxicology, analytical chemistry and pharmacology.



Product Safety Labs

Eurofins Agroscience Services Group

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Service Portfolio

We offer the full Tier 1 battery of services including:

In vitro

- Estrogen receptor (ER) binding – rat uterine cytosol
- Estrogen receptor – (hERα) transcriptional activation – Human cell line (HeLa-9903)
- Androgen receptor (AR) binding – rat prostate cytosol
- Steroidogenesis – Human cell line (H295R)
- Aromatase – Human recombinant microsomes (partner study)

In vivo

- Uterotrophic (rat)
- Hershberger (rat)
- Pubertal female (rat)
- Pubertal male (rat)
- Amphibian metamorphosis (frog)
- Fish short-term reproduction

"Helping you fulfil the requirements of the EDSP Tier 1 Screening Order (EPA) and anticipated EU needs for pesticides"

Enquire about Eurofins' support of the longer term Tier 2 testing to confirm and characterize the endocrine effects observed in Tier 1.

Eurofins Scientific Group

Eurofins Scientific is a life sciences company that serves a wide range of industries including the pharmaceutical, agricultural, food and environmental sectors.

Today the Eurofins Group is a leading provider of analytical services.

