

One-stop service - world-class, worldwide

Dermal Absorption

Eurofins Agroscience Services

With over 30 years of experience in Crop Protection, Eurofins Agroscience Services is a global CRO offering exceptional technical knowledge, testing and regulatory consultancy to plant health and crop protection manufacturers, the agri-tech sector, plant breeders and the seed industry.

In a dynamic and complex regulatory environment, our priority is to support clients through every stage of the agrochemical registration process.

Exposure to many chemicals occurs mainly via contact with the skin, knowledge of this percutaneous absorption is required by the authorities and is essential to assess the operator exposure.

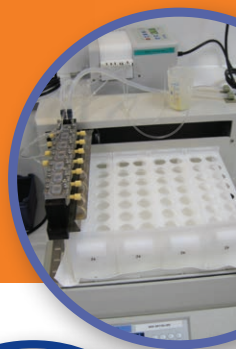
With more than 20 years of expertise in plant protection products (including biocides), pharmaceutical and cosmetology research areas, our specialised laboratory conducts many studies annually for a broad spectrum of global sponsors.

Risk Assessment

In general, a risk assessment consists of expressions of the likelihood of harm associated with exposure to a chemical.

The assessment of risk to human health requires identification, compilation and integration of information on the health hazards of a chemical, human exposure to the chemical and relationships between exposure, dose and adverse effects.

The routes of exposure for workers are, in the majority of cases, dermal absorption, inhalation and ingestion.



Expertise:

With a team of technical experts, a commitment to quality and a flexible approach to projects, our main objective is to help you to achieve the results you want in the timelines you need.

Based on the EFSA Guidance on Dermal Absorption, OECD Guidance document N° 28, OECD Guidance Notes on Dermal Absorption, OECD Guidelines Test No. 428 and No. 427, we conduct:

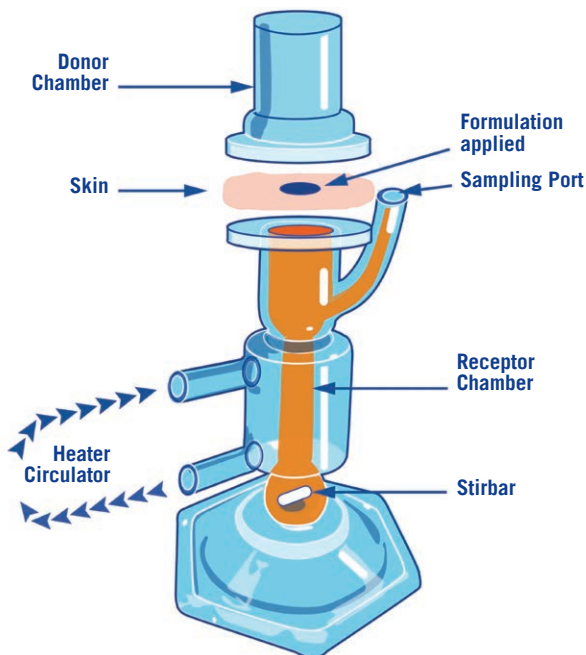
- *In vitro* studies on human and rat skin
 - *On Static Franz cells or Flow-through Bronaugh cells*
- *In vivo* studies on rat skin
- Full GLP and Guidances compliant studies
- With radiolabelled or non-radiolabelled active ingredient

- Target recovery of > 95%
- Wide spectrum of formulations type: SC, EC, WG, OD, CS, FS...
- Management of volatile compounds such as essential oils
- Management of metallic formulations such as copper

Eurofins Scientific

Eurofins Scientific, through its subsidiaries, provides Contract Research Services to a wide range of industries including environment, pharmaceutical and agrosience.

Worldwide excellence in bio-analytical testing



Eurofins Agrosience Services Group

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