

# Plant Protection Products



## Your Project

IBACON is your partner - especially when it comes to the registration of a new plant protection product. Whether you need data for approval of active substances or wish to register formulated products - we can perform all required GLP-studies complying with the legal requirements such as

- Regulation 1107/2009/EEC
- Directive 91/414/EEC

## Our Expertise

If handling of complete study packages is required, we are able to manage such testing programs using qualified partner laboratories for the studies we do not perform in-house. You can fully rely on our quality services and our commitment to keep promised timelines.

Our expertise covers all experimental aspects in connection with environmental risk assessments as required by the regulatory authorities. IBACON provides standardised TIER I laboratory tests as well as complex higher TIER studies including

- Extended Laboratory,
- Aged Residue
- Semi-Field and Field Studies (Germany and France)

Due to our extensive experience with numerous active substances and formulation types, IBACON supports you in selecting suitable and cost-efficient test designs. For specific purposes, tailor-made studies are performed in accordance with international guidelines and authority demands.

## Our Support

- **Physical-Chemical Properties**
- **Stability of Formulated Products**
- **Analytical Chemistry**
  - Method Development and Validation
  - 5-Batch and Residue Analysis, Certificate of Analysis etc.
  - Fully Equipped Analytical Laboratory (LC/MS/MS, HPLC, GC/MS, LSC etc.)
- **Environmental Fate**
  - Adsorption / Desorption
  - Aerobic and Anaerobic Transformation in Soil and Aquatic Sediment Systems
  - Soil Photolysis
  - Soil Dissipation and Accumulation
  - Phototransformation in Water
  - Hydrolysis
  - Bioaccumulation (Fish, Worm, Arthropods)
- **Ecotoxicology**
  - Aquatic Organisms (e.g. Algae, Daphnia, Fish, Lemna)
    - Higher Tier Test Systems Available (Aquatic Macrophytes, Sediment Dwelling Organisms etc.)
  - Endocrine Disruption
  - Non Target Arthropods
  - Honey Bees
  - Non Target Soil Macroorganisms (Earthworm, Collembola etc.)
  - Soil Microflora
  - Biological Methods for Sewage Treatment (OECD 209)
  - Non Target Terrestrial Plants
  - Organic Matter Breakdown (Litterbag design)
  - Biodegradability

## Our Quality

Our study designs comply with the requirements of official guidelines of organisations such as

- EU
- OECD
- ISO
- OPPTS
- EPPO
- IOBC
- EMEA
- METI
- SETAC

All test procedures fulfil the internationally recognised quality standards of

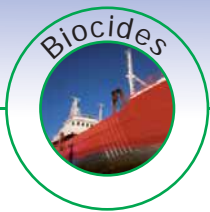
- OECD GLP
- US EPA
- Japanese MAFF

This approach ensures that our study reports can be used for your registration projects - worldwide.

Therefore:

**Test our competence  
and let us test your product!**

For more information, please find the contact details of our sales-team on the next page.



**Your Partner**

for...

- Ecotoxicology
- Environmental Fate
- Physical-Chemical Properties
- Analytical Chemistry

**How You  
 Can Benefit  
 from IBACON**



- Approved expertise in contract research
- Independent, flexible and customer-oriented
- In-depth experience - more than 1000 GLP studies per year
- Highly qualified and dedicated staff
- Long-term expert knowledge in test development and scientific research
- Excellent network of partner laboratories and consultants

**Your Contact**



Languages:



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GLP-STUDIES

- Physical-Chemical Properties
- Environmental Fate
- Ecotoxicology
- Analytical Chemistry
- Project Management

