

NOACK
LABORATORIEN

Pollinator Studies

Ecotoxicology and
Analytics under GLP



Pollinators are crucial for a healthy environment

...and this is why Noack Laboratorien offers an extensive range of pollinator studies under GLP that range from the established acute honeybee study types to the most recent guidelines for honeybees, bumblebees and solitary bees.

We aim to meeting your needs with our outstanding analytical skills and equipment, also for studies conducted by external contract partners. Direct and close communication with our study directors is important for us in order to fulfill your individual requirements.

Interested? Please contact us!



HONEYBEE ACUTE TOXICITY

- OECD TG 213
(oral exposure)
48 – 96 hours
- OECD TG 214
(contact exposure)
48 – 96 hours



HONEYBEE CHRONIC TOXICITY

- OECD TG 245
(Feeding test)
10 days

Study Types



HONEYBEE LARVAL TOXICITY

- OECD GD No. 239
(repeated exposure)
22 days



BUMBLEBEE ACUTE TOXICITY

- OECD TG 246
(contact exposure)
48 – 96 hours
- OECD TG 247
(oral exposure)
48 – 96 hours
- available from
March to October



SOLITARY BEE ACUTE TOXICITY

- Solitary bee, Acute
Contact Toxicity Test,
ICPPR workgroup
non-Apis bees
48 – 96 hours
- Proposal for a new
guideline for the testing
of chemicals: Mason
bees (*Osmia* sp.),
Acute Oral toxicity
48 – 96 hours



ANALYTICAL METHODS

- ultraHPLC-DAD-MS/MS
- ultraHPLC-MS/MS
- Q-ToF
- Fast GC-FID-MS/MS
- SPME/SPDE/ASE/SPE

Analytics



OUR BEES...

- live in hives on our facility ground
- are therefore in direct reach to conduct every study as soon as possible
- are monitored by a professional apiarist

Beekeeping

NOACK LABORATORIEN

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