

NOACK
LABORATORIEN

Environmental Fate

Screening and Higher Tier
Studies for every Requirement



Biotic Degradation

- Biotic Transformation and Degradation Processes (Aerobic and Anaerobic)
- in Different Environmental Compartments (Sewage Treatment Plants, Surface Waters, Sediments, Soil and Seawater)

Transformation/Simulation

- Aerobic Sewage
OECD 303A (Activated Sludge Units, Porous Pots)
- Transformation in Soil
OECD 307
- Transformation in Aquatic Sediment Systems
OECD 308
- Mineralisation in Surface Water
OECD 309
- Simulation Test Wastewater
OECD 314
- Anaerobic Degradation in Manure

Ready and Inherent Biodegradability

- OECD 301B, C, D, F
- OECD 310
- Biodegradation in Seawater
OECD 306
- OECD 302A, B, C
- Anaerobic Biodegradability
OECD 311

(Bio)degradation of Plastics/Polymers

- ISO 14851, 14852, 17556, 19679, 18830



For more information visit us on:

Abiotic Degradation

- Hydrolysis
OECD 111
- Photolysis
OECD 316
- Phototransformation of
Chemicals on Soil Surfaces
OECD Draft 2002



Bioaccumulation

■ Evaluation of the Fate of
Substances and Metabolites in
Organisms

■ Uptake and Depuration Phase

- Bioconcentration and
Biomagnification in Fish
OECD 305
- Bioaccumulation in
Sediment Oligochaetes
OECD 315
- Bioaccumulation in
Terrestrial Oligochaetes
OECD 317



Transport and Distribution Studies

- Soil Leaching
OECD 312
- Adsorption/Desorption
OECD 106 and 121
- Partition Coefficient
OECD 107, 117 and 123

**In-house Analytics of
¹⁴C-labelled and unlabelled
Substances and Metabolites
in many Matrices available**



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