

## **Fishmeal and fish oil analyses for dioxins, all 209 PCBs and more**



## **We analyse – you benefit: product safety and information advantage!**

In order to ensure the quality and safety of fishmeal, fish oil and food supplements of marine origin, Eurofins merged the relevant analytical expertise into one laboratory of excellence: Eurofins GfA Lab Service.

Our experts are pleased to assist you with their longstanding experience and state-of-the-art laboratory equipment to handle your analytical tasks competently at any time.

### **Expertise**

- 30 years of experience
- Private independent laboratory
- Accreditation acc. to DIN EN ISO/IEC 17025:2005
- GOED member (Global Organization for EPA and Omega-3)
- IFFO member (International Fishmeal and Fish oil Organisation)
- Analyses acc. to common EU guidelines and regulations as well as California Proposition 65
- Continually participating with success in independent inter-laboratory comparisons (national and international)

### **Capacities**

- Short turn-around times
- EXPRESS analyses at any time
- Enormous capacity (> 2000 samples / month)

### **Online Service (EOL)**

- 24/7 tracking of samples and access to test results
- Online sample registration → faster turn-around times
- Export functionality supporting .xls and .csv

About one third of the worldwide total catch of fish is processed into fishmeal or fish oil. Fishmeal is an important source of highly digestible protein, valuable fatty acids

(Omega-3), vital vitamins and minerals for animal nutrition.

Due to the strong increase in the demand of fish oil as food supplement, the intentional production of fish oil has been accelerated worldwide.

Legal regulations with regard to environmental pollutants and adequate analytical controls of fish oil and fishmeal contribute to the protection of the customer and the environment and shall minimise long-term residues and contaminants.

### **Selection of parameters for the analysis of fishmeal and fish oil**

- Dioxins, dioxin-like and non-dioxin-like PCBs
- 209 PCBs
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Pesticides
- Heavy Metals (incl. differentiation between total and inorganic arsenic)
- Methylmercury
- Plasticizers, e.g. Phthalates
- Radioactivity
- Mineral Oil (C10-56)
- Brominated Flame Retardants (PBDE, PBB, HBCD, TBBPA)
- Antioxidants BHA and BHT
- Ethoxyquin
- Protein, Fat, Ash, Moisture, Salt
- Fatty acids profile, Amino acids profile
- Vitamins
- TOTOX
- Biogenic Amines (Histamine etc.)
- Total Volatile Basic Nitrogen (TVB-N)
- Microbiological Testing