



Fish meal and fish oil analyses for dioxins, all 209 PCBs and more

Product safety and information advantage!

In order to ensure the quality and safety of fish meal, fish oil and food supplements of marine origin, Eurofins merged the relevant analytical expertise into one laboratory.

The Eurofins experts are pleased to assist the customer with their longstanding experience and state-of-the-art laboratory equipment to handle 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 DHA Omega-3s)
- IFFO member (The Marine Ingredients Organisation)

- Analyses acc. to common EU guidelines and regulations as well as California Proposition 65
- Continual successful participation in independent interlaboratory comparisons (national / international)

Capacities

- Short turn-around times
- EXPRESS analyses
- 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 fish meal or fish oil. Fish meal is an important source for highly digestible protein, valuable fatty acids (Omega-3s), 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 fish meal contribute to the protection of the customer and the environment and shall minimize long-term residues and contaminants.

Selection of parameters for the analysis of fish meal and fish oil

- Dioxins, dioxin-like and non-dioxin-like PCBs
- Total 209 PCBs
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Pesticides
- Heavy Metals (incl. differentiation between total and inorganic arsenic)
- Plasticizers, e.g. Phthalates
- Radioactivity
- Mineral Oil Hydrocarbons (C10-56)
- 3-MCPD and related compounds

- 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



“As a fish oil processor of 80 years we realise the importance of having access to reliable and extensive analytical services.

Due to their expertise and adept service Eurofins is our laboratory of choice when it comes to monitoring of environmental contaminants.”

Gudmundur Gudmundsson, Lýsi hf, Iceland

