

Fish & Aquaculture

Eurofins offers the complete analytical portfolio to ensure the safety and authenticity of fish

With the increased attention of consumers towards food and health, the popularity of fish, seafood and other products of marine origin such as algae has grown steadily. They provide many highly valuable nutrients such as high-quality and easily digestible protein, essential and healthy fatty acids (omega-3 fatty acids), essential vitamins and minerals, especially iodine. Due to this composition fish and seafood are more easily perishable than many other food commodities. This fact and the increasing sensitivity of consumers result in constantly growing requirements regarding the quality of fish and fish products.



Eurofins Service Offer

Eurofins' global and highly-experienced network of food testing laboratories and Competence Centres offers the complete range of analytical services to ensure the safety and authenticity of fish and aquacultural products:

- **Fish Species Determination** by DNA sequencing for all consumed fish and seafood species
- **Veterinary Drug Analysis** from single substance testing to comprehensive screening methods for about 250 veterinary drug residues
- **Organic and Inorganic Contaminants**, e.g. heavy metals and elements, PAH, dioxins, radioactivity, mycotoxins
- **Organic Residues**, e.g. migrations and pesticides
- **General Microbiological Analysis**, e.g. aerobic and anaerobic bioburden, confirmation of best before dates
- **Detection of Pathogenic Germs**, e.g. EHEC, Salmonella spp., L. monocytogenes, Campylobacter
- **Chemical and Physical Testing**, e.g. water content, nutrients, vitamins, trace elements, carbohydrates, protein, food additives, irradiation
- **Quality parameters**, e.g. total volatile basic nitrogen (TVBN), histamine
- **Sensory testing**



Eurofins Quality

- Competence Centres with latest state-of-the-art technology
- Local contacts with global network
- Providing accurate results on time
- Large capacity of several 1000 samples per day
- Accreditation according to DIN EN ISO/IEC 17025:2005 or analogous local standards
- Quality assurance by permanent participation in interlaboratory tests
- Officially authorised experts for control tests acc. to § 43 LFGB

Additional Services

- Customer specific R&D projects
- Sampling on site according to international standards
- Labelling control and advice
- Consultancy and auditing on HACCP
- Sample registration, tracking and test report online (EOL)