HellenicAccreditationSystem

Annex F1/IV4 to the Certificate No. **482**-4

SCOPE of ACCREDITATION
of the
Department of Food Microbiology, Biochemical Control, Residues and Control of Marine Biotoxins and Toxins in Other Waters
of the
Directorate of Veterinary Centre of Thessaloniki
of the
Ministry of Rural Development and Food

Tested materials / products	Types of test / Properties	Applied standards / Techniques
Chemical Tests		
1.Animal origin foodstuffs	1. Determination of cadmium (Cd) content	In-house method using Graphite Furnace Atomic Absorption Spectroscopy
	2. Determination of lead (Pb) content	In-house method using Graphite Furnace Atomic Absorption Spectroscopy
2. Fish and fishery products	1.Determination of mercury (Hg) content	In-house method using Atomic Absorption Spectroscopy FI-MH-AAS technique
	2. Determination of Histamine	In-house method based on the Reference method of Regulation (EC) 2073/2005 by HPLC-DAD

Tested materials / products	Types of test / Properties	Applied standards / Techniques
3. Shellfish and finfish	Determination of domoic acid concentration (ASP toxins). Range: ≥ 1.0 mg of domoic acid equivalents/ kg and upards.	Internal method according to the standard operational procedure of the European Union Reference Laboratory of Marine Biotoxins (EURLMB EU-Harmonised SOP-ASP-RP-HPLC-UV/DAD, version 1, June 2008) using High Performance Liquid Chromatography with Ultraviolet Detection by Diode Array Detector (HPLC-UV-DAD)
4. Shellfish (bivalve molluscs)	1. Determination of lipophilic toxins (DSPs): a) Okadaic group (Okadaic acid-OA, dinophysistoxins, DTX1 &DTX2 including their esters (DTX3) Range: at least 34,2 μg OA equivalents/kg and upwards b) Yessotoxins (YTXs). Range: at least 0,106mg YTX equivalents/kg and upwards c) Azaspiracids (AZAs). Range: at least 17,66 μg AZA equivalents/kg and upwards (Regulation (EC) 853/2004, as amended and in force, Regulation (EC) 627/2019, as amended and in force) d) Gymnodimins (GYMs) Spirolides (SPXs) Pinnatoxins (PnTXs) (Lipophilic toxins not included in Regulation (EC) 853/2004, as amended and in force, Regulation (EC) 627/2019, as amended and in force)	Internal method based on method of the European Community Reference EU Laboratory of Marine Biotoxins. (Harmonized Standard Operating Procedure for determination of Lipophilic marine biotoxins in molluscs by LC-MS / MS, Version 5, January 2015) using liquid chromatography-coupled mass spectrometry (UPLC-MS / MS)
Microbiological Tests		
1. Fish and fish products. Milk and milk products. Meat and meat products, animal feeding stuff, eggs and egg products	1.Detection of *Salmonella* spp. except *S. typhi* and *paratyphi*	ISO 6579-1:2017
2. Molluscan bivalve shellfish	1. Enumeration of *Escherichia coli*	ISO 16649-3:2015

Site of assessement: **Laboratory Permanent premises, 3ALimnouSt., 54627 Thessaloniki, Greece / 26th October 80 St., 54627, Thessaloniki, Greece.**

Approved signatories**: Kleanthis Mellios, Konstantinos Chatzis, Christina Tsikoti, George Kaklamanos, Charalampos Kioutsioukis, Maria Kalaitzidou, Anastasia Sidiropoulou, Maria Tsitampani, George Floros, Georgia Chaideftou, Nikolaos Limpitakis.**

This Scope of Accreditation replaces the previous one dated 01.12.2023.
The Accreditation Certificate No. **482**-4, according to ΕΛΟΤ EN ISO/IEC 17025:2017, is extended until 19.05.2025, according to ESYD decision.

Athens, 15.11.2024

Konstantinos Kourtalis
Chairman of ESYD