Hellenic Accreditation System

Annex F1/18 to the Certificate No.**14**-7

SCOPE of ACCREDITATION

of the

Testing Laboratory

of

FOODLAB - D. Tzioga & Co.

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
Microbiological Tests		
1. a. Foodstuffs, animal feeding stuffs, b. Environmental samples in the area of food production and food handling (SWAB TESTS) c. Animal faeces and environmental samples from the primary production stage	1. Detection of non-typhi, non paratyphi *Salmonella* spp.	ISO 6579-1:2017
2. a. Food, animal feeding stuffs b. Environmental samples in the area of food production and food handling. (SWAB TESTS)	1. Detection of *Listeria spp and Listeria monocytogenes*	ISO 11290-1**:**2017
3. Foodstuffs, animal feeding stuffs	1. Enumeration of *Listeria* spp. *and Listeria monocytogenes*	ISO 11290-2: 2017
	2. Enumeration of microorganisms at 30 ºC	ISO 4833-1:2013
	3. Enumeration of coliforms	ISO 4832:2006
	4. Enumeration of β-glucuronidase-positive *Escherichia coli*	ISO 16649-2:2001
	5. Enumeration of coagulase-positive staphylococci	ISO 6888-1:2021
	6. Enumeration of Enterobacteriaceae	ISO 21528-2: 2017

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
3. Foodstuffs, animal feeding stuffs (cont.)	7. Enumeration of presumptive *Bacillus cereus*	ISO 7932:2004
	8. Horizontal method for the enumeration of mesophilic lactic acid bacteria -- Colony-count technique at 30 degrees C	ISO 15214: 1998
4. Foodstuffs	1. Detection of *Listeria monocytogenes*	AFNOR BKR 23-2-11-/02
5. Foodstuffs	1. Horizontal method for the enumeration of yeasts and moulds -- Part 1: Colony count technique in products with water activity greater than 0,95	ISO 21527-1: 2008
	2. Horizontal method for the enumeration of yeasts and moulds -- Part 2: Colony count technique in products with water activity less than or equal to 0,95	ISO 21527-2: 2008
6. Milk and dairy products	1. Enumeration of β-glucuronidase-positive *Escherichia coli*	ISO 16649-1: 2018
7. Drinking water, surface water and swimming pool water	1. Detection and enumeration of *Pseudomonas aeruginosa*	ISO 16266:2006
	2. Enumeration of culturable microorganisms (TAC) at 22±2ºC and 36±2ºC	ISO 6222:1999
8. Drinking water, surface water, swimming pool water and sea water	1. Detection and enumeration of intestinal enterococci	ISO 7899-2:2000
	2. Detection and enumeration of *E. coli* and coliform bacteria	EN ISO 9308-1:2014
Chemical Tests		
1. Foodstuffs and animal feeding stuffs	1. Determination of nitrogen by the Kjeldahl method (Protein)	ISO 1871:2009
	2. Determination of Ash	In-house method based on Food & Drink Code
	3. Determination of Moisture	In-house method based on Food and Drink Code (drying at 103ºC until stable weight)
2. Foodstuffs (except of milk) and animal feeding stuffs	1. Determination of total fat content	In-house method based on ISO 11085:2015, ISO 1443:1973 & ISO 1444:1996

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
3. Foodstuffs	1. Determination of Sodium	In-house method (flame photometry)
	2. Determination of gluten/gliadin	Sandwich Enzyme Immunoassay AOAC Official Method of Analysis (OMA) Final Action Status 2012.01
4. Vegetable oil	1. Determination of free fatty acids -acidity	In-house method based on IOC COI/T.20/Doc No 34 and ISO 660:2020 as modified and valid
	2. Determination of peroxide value	In-house method based on IOC COI/T.20/Doc No 35 και ISO 3960:2017 as modified and valid
	3. Determination of ultraviolet absorbance expressed as specific UV extinction (ΔK, K232, K268)	In-house method based on IOC COI/T.20/Doc No 19 and ISO 3656:2011 as modified and valid

Site of assessment: **Permanent laboratory premises, 3-1 Aristotelous str, 55 133, Thessaloniki, Greece.**
Approved signatories: **D. Tzioga, S. Spyranti.**

This Scope of Accreditation replaces the previous one dated 20.01.2022.
The Accreditation Certificate No. **14**-7, according to ELOT EN ISO/IEC 17025:2017, is valid until 5.02.2025.

Athens, 15.09.2023

Christos Nestoras
CEO of ESYD