HELLENIC ACCREDITATION SYSTEM

Annex F1/24 to the Certificate No. **548**-7

SCOPE of ACCREDITATION

of the

Testing Laboratory

of

MEDICENTER FOOD AND DRINKS LABORATORY ANALYSIS S.A. - "CORINTHIAN LAB"

Materials / Products tested	Types of test / Properties measured	Applied standards / Techniques used
Microbiological Tests		
Drinking water, surface and swimming pool water	1.Enumeration of total aerobic culturable micro-organisms at 22^0C and at 37^0C	ISO 6222:1999
	2.Enumeration *Pseudomonas aeruginosa*	ISO 16266:2006
Drinking water, surface, swimming pool water and sea water	1.Enumeration of total coliforms and *Escherichia coli*	ISO 9308-1:2014
	2.Enumeration of intestinal enterococci	ISO 7899-2:2000
Water with a low concentration of interfering microorganisms (Matrix A)	Enumeration of Legionella	ISO 11731:2017, (Annex J, Procedure 5, 7, Medium A (BCYE) & C (GVPC)
Water with a low concentration of interfering microorganisms (Matrix A)	Enumeration of Legionella	ISO 11731:2017, (Annex J, Procedures 8,9,10, Medium A (BCYE) & C (GVPC)
Water with a high concentration of interfering microorganisms (Matrix B)	Enumeration of Legionella	ISO 11731:2017, (Annex J, Procedures 8,9,10, Medium C – GVPC)
Food and animal feeding stuffs	1.Enumeration of viable aerobic mesophilic flora	TEMPO Biomerieux, Validation Certificate AFNOR BIO 12/35-05/13

Materials / Products tested	Types of test / Properties measured	Applied standards / Techniques used
Food and animal feeding Stuffs(continued)	2.Detection of *Listeria monocytogenes*	VIDAS Biomerieux, LMO2, Validation Certificate: AFNOR BIO 12/11-03/04
	3.Detection of *Salmonella spp.*	VIDAS Biomerieux, Easy Salmonella, Validation Certificate: AFNOR BIO 12/16-09/05
	4.Enumeration of *Escherichia coli*	TEMPO Biomerieux, Validation Certificate:AFNOR BIO 12/13-02/05
	5.Enumeration of total coliforms	TEMPO Biomerieux, Validation Certificate:AFNOR BIO 12/17-12/05
	6.Enumeration of *Enterobacteriaceae*	TEMPO Biomerieux, Validation Certificate: AFNOR BIO 12/21-12/06
	7.Enumeration of Staphylococcus aureus (coagulase-positive staphylococci)	TEMPO Biomerieux, Validation Certificate: AFNOR BIO 12/28-04/10
Raw milk	Enumeration of total microbial flora at 30 °C	ISO 4833-1:2013
Raw cow milk	Enumeration of somatic cells	ISO13366-1:2008
Food and animal feeding Stuffs	1.Enumeration of Colony count at 30 °C	ISO 4833-1:2013
	2.Enumeration of Enterobacteriaceae	ISO 21528-2:2017
	3.Enumeration of Coliforms	ISO 4832:2006
	4.Enumeration of β-glucuronidase positives *Escherichia coli*	ISO 16649-2:2001
	5.Enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species)	ISO 6888-2:2021/Amd 1:2023
	6.Detection of Salmonella spp.	ISO 6579-1:2017/Amd 1:2020
	7.Detection of *Listeria monocytogenes*	ISO 11290-1:2017
Environmental samples (surfaces) in the area of food production and food handling	1.Enumeration of Colony count at 30 °C	ISO 4833-1:2013
	2.Enumeration of Enterobacteriaceae	ISO 21528-2:2017

Materials / Products tested	Types of test / Properties measured	Applied standards / Techniques used
	3.Detection Salmonella spp.	ISO 6579-1:2017/Amd 1:2020
Chemical testing		
Drinking water, surface and swimming pool water	1.Determination of pH	APHA* 4500-H+
	2.Determination of alkalinity	APHA* 2320 B
	3.Determination of hardness	APHA* 2340 C
	4.Determination of conductivity	APHA* 2510 B
Drinking water	1.Turbidity Determination	ISO 7027-1, nephelometric
	2.Color Determination	APHA* 2120C
	3.Ammonia Determination	Merck Ammonium test 1.14752
	4.Nitrite Determination	Merck Nitrite test 1.14776
Drinking water, Swimming pool water	Determination of free residual chlorine	Hanna analogous to US EPA 330.5 (1978), DPD Colorimetric Method
Olive oil	1.Determination of acidity	COI/T.20/Doc.34
	2.Determination of K232, K268, ΔK	COI/T.20/Doc.19
Raw milk	Detection of antimicrobial residues [penicillins (ampicillin, amoxicillin, penicillin G, cloxacillin, oxacillin), cephalosporines (cephapirin, ceftiofur, cefoperazone, cephalexin), tetracyclines (oxytetracycline, tetracycline), sulfonamides (sulfamethazine, sulfathiazole, sulfadimethoxine, sulfadiazine), macrolides (tylmicosin, tylosin,rifaximin), aminoglycosides (neomycin, gentamicin)]	Diffusion method, DELVOTEST SP NT,DELVOTEST T
Molecular Tests		

Materials / Products tested	Types of test / Properties measured	Applied standards / Techniques used
Animal feeding stuffs and feed materials	**Detection of bovine (Bos taurus), sheep (Ovis aries) and goat (Capra hircus) DNA by multiplex Real-Time PCR**	**In-house Real-Time PCR method using the kit "SureFood® ANIMAL ID 4plex Beef/Sheep/Goat". DNA isolation based on ISO 21571:2005, by using the kit "QIAGEN DNeasy® mericon® Food"**

** American Public Health Association, American Water Works Association, Water Environment Federation, "Standard Methods for the Examination of Water and Wastewater", 24nd Edition, 2023*

Site of assessment: **Permanent Laboratory premises, 89 Ermou Str., 20131, Corinth, Greece.** Approved signatories: **Th. Sergentanis, A. Karsioti, K. Xera, Theodora Londra**
This scope of Accreditation replaces the previous one dated 23.09.2026.
The Accreditation Certificate No. 548-7, to ELOT EN ISO/IEC 17025:2017, is valid until 02.06.2030.

Athens, 15.10.2026

Konstantinou Evangelos Apostolos
CEO of ESYD