Hellenic Accreditation System

Annex F1/22 to the Certificate No. **251**-6

SCOPE of ACCREDITATION

of the

Testing Laboratory

Laboratory of Foods Control “Nikolaos Lavdas”

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
Microbiological Tests		
1. Potable water	1. Detection and enumeration of total coliforms and *Escherichia coli*	ISO 9308–1: 2014
	2.Enumeration of *Pseudomonas aeruginosa*	ISO 16266:2006
2. Potable, surface, ground water and sea water	Detection and enumeration of intestinal enterococci	ISO 7899-2:2000
3. Food except fluids, powders and small (or very small) solid substances	1. Horizontal method for the detection of *Listeria monocytogenes*	ISO 11290-1:2017
	2. Horizontal method for the detection of non-typhi, non-paratyphi *Salmonella* spp.	ISO 6579-1:2017
4. Raw milk	Enumeration of culturable micro-organisms at 30 ºC	ISO 4833-1-2013
Chemical Tests		
1. Potable, surface and waste water	1. Determination of pH	APHA* 4500-H^+ B
	2. Determination of conductivity	APHA* 2510-B
	3. Determination of total hardness	APHA* 2340 C
	4. Determination of nitrite ions	APHA* 4500-NO_2 B

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
2. Raw milk	1. Determination of freezing point	Thermistor - cryoscope routine method, ISO 5764 / IDF 108: 2009 - Annex C OE - 12-17
	2. Detection of antimicrobial residues [β-lactames (amoxicillin, ampicillin, cephalexin,cephapirin, desacetylcefapirin, cefapirin benzathin, cefalonium, ceftiofur, cefazolin, cefoperazone, cloxacillin, oxacillin, nafcilin, penethamate, penicillin G), sulfonamides (sulfadiazine, sulfadimethoxine, sulfadoxine, sulfamethoxypyridazine, sulfathiazole), tetracyclines (chlortetracycline, doxycycline, tetracycline, oxytetracycline), macrolides (tylosin, pirlimycin), aminoglycosides (gentamicin, neomycin), linkomycin, rifaximin, dapsone].	Diffusion method, manufacturer ECLIPSE 3G / ZEU OE- 12-16

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

Site of assessment: Laboratory permanent premises – **Kondili 30, 42100, Trikala, Greece**
Approved signatories: **D. Lavdas, N. Lavdas**

This scope of Accreditation replaces the previous one, dated 14.03.2023.
The Accreditation Certificate No. **251**-6, according to ELOT EN ISO/IEC 17025:2017 is valid until 19.01.2027.

Athens, 4th of April 2025

Konstantinou Evangelos Apostolos

CEO of ESYD