Hellenic Accreditation System

Annex F1/14 to the Certificate No.**620**-5

SCOPE of ACCREDITATION

of the

Testing Laboratory

of

Parmakli Biochemical Laboratories Ltd.

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
Microbiological Tests		
1. Food and animal feeding stuffs	1. Detection of non typhi, non paratyphi *Salmonella* spp.	ISO 6579-1:2017
	2. Enumeration of coagulase-positive staphylococci	ISO 6888-2:2021
	3. Enumeration of total coliforms	ISO 4832:2006
	4. Enumeration of β–glucuronidase-positive *E. coli*	ISO 16649-2 :2001
	5. Enumeration of the total aerobic micro-organisms at 30 °C	ISO 4833-1:2013
2. Food, animal feeding stuffs and environmental samples in the area of food production and food handling.	1. Detection of *Listeria spp* and *Listeria monocytogenes*	ISO 11290-1: 2017
3. Drinking water	1. Enumeration of total coliforms and *E. coli*	ISO 9308-1:2014
	2. Enumeration of culturable micro-organisms at 22±2ºC and 36±2 ºC	ISO 6222:1999
	3. Detection and enumeration of intestinal enterococci	ISO 7899-2:2000
4. Milk 4. Milk (continued)	1.Detection of antimicrobic substances Penicillins [Penicillin G, Amoxicillin, Ampicillin, Oxacillin, Cloxacillin, Nafcillin), Cephalosporins (Cephalexin, Cefquinome, Ceftiofur, Cephapirin, Cefazolin, Cephalonium,	Diffusion method, ECLIPSE 4G/ZEU,

	Cefoperazone), Tetracyclines (Oxytetracycline, Tetracycline, Chlortetracycline, Doxycycline), Sulfamides (Sulfathiazole, Sulfadiazine, Sulfadimethoxine, Sulfamethoxypyridazine, Sulfamethazine), Macrolides (Tylosin, Erythromycin), Aminoglycosides (Neomycin, Gentamicin, DH-streptomycin, Streptomycin), (Lincomycin, Rifaximin, Dapsone)]	
Physical Tests		
1.Raw milk	1. Determination of freezing point	M-10, Thermistor cryoscope routine method ISO 5764/IDF 108: 2009-Annex C
Chemical Tests		
1.Raw milk	1. Determination of fat and protein	Internal Method of automated analyzer, Mid Infrared Spectrometry (Lactoscope), based on ISO 9622:2013 /IDF 141: 2013
	2. Determination of protein	Internal Method based on AOAC Official method 991.20
2. Animal feeding stuffs and cereals	1. Determination of fat	Internal Method (without hydrolysis) based on ISO6492:1999
3. Drinking water surface water	1. Determination of pH	Internal Method based onAPHA* 4500-H
	2. Determination of Conductivity	Internal Method based onAPHA* 2510 B
	3. Determination of nitrates	HACH LANGE (LCK 339)
	4. Determination of nitrites	HACH LANGE (Method 8507 POWDER PILLOWS)
4. Wastewater	1. Determination of Biochemical Oxygen demand (BOD)	In house method based on APHA* 5210 D, 23rd Ed. 2017
	2. Determination of Chemical Oxygen demand (COD)	HACH LANGE (LCK 314 & 514)

*American Public Health Association, American Water Works Association, Water Environment Federation, "Standard Methods for the Examination of Water and Wastewater", 24nd edition, 2022

Site of assessment: **Laboratory permanent premises: 8th km Larisas - Agias, 40009 , Larisa, Greece.**
Approved signatories: **N. Panou, P.Kotziakozidou**

This scope of Accreditation replaces the previous one dated 22.09.2025.
The Accreditation Certificate No.**620**-5, to ELOT EN ISO/IEC 17025:2017, is extended until 22.09.2026, according to E.SY.D. decision.

Athens, 22.03.2026

Konstantinou Evangelos Apostolos
CEO of ESYD