Hellenic Accreditation System

Annex F1/4 to the Certificate No. **1230-**2

SCOPE of ACCREDITATION

of the

Testing Laboratory

of

P. MELENIOS & SIA E.E. – BIOYGEIA E.E

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
Chemical testing		
1. Driniking water	1. Determination of pH	APHA* 4500-H^+ B.
	2. Measurement of electric conductivity	APHA* 2510 B
Microbiological Tests		
1. Water for human consumption	1. Enumeration of culturable microorganisms at 22±2ºC and 36±2ºC	ISO 6222:1999
	2. Enumeration of Clostridium perfringens	ISO 14189:2013
2. Water for human consumption, Sea Water	1. Enumeration of Escherichia coli and coliform bacteria	ISO 9308-1:2014 Amd 1:2016
	2. Detection and enumeration of intestinal enterococci	ISO 7899-2:2000
3. Food and animal feeding stuff	1. Enumeration of microorganisms at 30ºC	ISO 4833-1:2013
	2. Enumeration of coagulase-positive staphylococci	ISO 6888-1:2021
	3. Enumeration of β-glucuronidase-positive *Escherichia coli*	ISO 16649-2:2001
	4. Enumeration of coliforms	ISO 4832:2006
	5. Enumeration of Enterobacteriaceae	ISO 21528-2: 2017

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
	6. Detection of *Salmonella* spp (except *S. Typhi* and *Paratyphi)*	ISO 6579-1:2017
	7. Detection of *Listeria monocytogenes*	ISO 11290-1**:**2017
	8. Enumeration of yeasts and moulds	ISO 21527-1: 2008 (for foods with a_w>0,95) ISO 21527-2: 2008 (for foods with aw≤0,95)

** APHA: American Public Health Association, American Water Works Association, Water Environment Federation, "Standard Methods for the Examination of Water and Wastewater", 24th Edition 2022.*

Site of assessment: **Laboratory permanent premises: 30, G. Nikolaou str., Komotini, Greece.**
Approved signatories: **P. Melenios**

This Scope of Accreditation replaces the previous one dated 22.11.2024.
The Accreditation Certificate No. **1230**-2, to ELOT EN ISO/IEC 17025:2017, is valid until 24.11.2029.

Athens, 12.12.2024

Evangelos Apostolos Konstantinou
CEO of ESYD