Hellenic Accreditation System

Annex F1/13 to the Certificate No. **734**-5

SCOPE of ACCREDITATION

of the

Testing Laboratory

«KON/NOS AVRAMIDIS CHEMICAL ENGINEER»

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
Microbiological testing		
Potable, surface ,swimming pool water and underground water.	1. Enumeration of culturable micro-organisms at 22±2 ºC and 36±2 ºC	ISO 6222:1999
	2. Enumeration of *Escherichia coli* and coliform bacteria	ISO 9308-1:2014/ Amd 1:2016
	3. Detection and enumeration of intestinal enterococci	ISO 7899-2:2000
	4. Enumeration of Pseudomonas aeruginosa by a membrane filtration technique	ISO 16266:2006
Chemical testing		
Potable, surface, underground and swimming pool water, wastewater	1. Determination of pH	ISO 10523:2008
	2. Determination of ammonium	HACH LCK 304
Potable, surface, underground and swimming pool water	1. Determination of turbidity	ELOT EN ISO 7027-1: 2016
	2. Measurement of electric conductivity	ISO 7888:1985
	3. Determination of nitrates	HACH LCK 339
Water for human consumption	1. Determination of free chlorine	APHA* 4500-Cl G, (DPD Colorimetric method)
Potable, surface, underground water, swimming pool water	1. Determination of anions F, Cl, NO_2, NO_3, SO_4	APHA* 4110 B
Surface water and	1. Determination of dissolved and total P	HACH LCK 349

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
wastewater	2. Determination of COD	HACH LCK 314
	3. Determination of total nitrogen	HACH LCK 138
	4. Determination of total and hexavalent chromium	HACH LCK 313
	5. Determination of suspended solids	ΕΛΟΤ ΕΝ 872:2005
Potable, surface water and wastewater	1. Determination of BOD	APHA* 5210 D
Sampling		
Water for human consumption	1. Determination of chemical parameters	ISO 5667-1: 2023 ISO 5667-3: 2024 ISO 5667-5: 2006 ISO 5667-14:2014
	2. Microbiological investigations	ISO 19458: 2006 ISO 5667-1: 2023 ISO 5667-5: 2006 ISO 5667-14:2014

*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: 21, G. Fota str., Argos Orestico, Kastoria, Greece.**
Approved signatories: **K. Avramidis.**

This Scope of Accreditation replaces the previous one dated 26.02.2025.
The Accreditation Certificate No. **734**-5, to ELOT EN ISO/IEC 17025:2017, is valid until 23.05.2028.

Athens, 05.01.2026

Konstantinou Evangelos Apostolos
CEO of ESYD