Hellenic Accreditation System

Annex F1/19 to the Certificate No. **71**-7

SCOPE of ACCREDITATION

of the

Quality Control Laboratory for Bottled Water

of the

Hellenic Survey of Geology and Mineral Exploration

Materials/ Products tested	Types of test/ Properties measured	Applied standards/ Techniques used
Chemical tests		
Bottled and Potable water	1. Determination of pH	ELOT 658:1983
	2. Determination of conductivity	ELOT EN 27888:1993
	3. Determination of alkalinity	ELOT EN ISO 9963-1:1996
	4. Determination of chloride ions	In-house method by automatic titrator, based on ISO 9297:1989 (Mohr's method)
	5. Determination of cations (Calcium, Magnesium, Sodium)	ELOT EN ISO 11885:2009. Determination by Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES)
	6. Determination of trace elements (Antimony, Arsenic, Barium, Cadmium, Cobalt, Manganese, Molybdenum, Lead, Nickel, Copper, Zinc)	ASTM D5673:2016 Determination by Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)
Microbiological tests		
Bottled and Potable water	1.Enumeration of culturable micro-organisms at 22±2 ºC and at 36±2 ºC	ISO 6222:1999
	2.Detection and enumeration of *Escherichia coli* and coliform bacteria	ISO 9308-1:2014
	3.Detection and enumeration of intestinal enterococci	ISO 7899-2:2000
	4.Detection and enumeration of *Pseudomonas aeruginosa*	ISO 16266:2006

Site of assessment: **Laboratory permanent premises, 1 Spirou Loui Str, Olympic Village (C entrance), Acharne, Attiki, Greece.**

Approved signatories: **H. Gintoni, G. Avdis.**

This scope of Accreditation replaces the previous one dated 18.01.2023.
The Accreditation Certificate No. **71**-7, to ELOT EN ISO/IEC 17025:2017, is valid until 23.04.2027.

Athens, 03.02.2023

Christos Nestoras
CEO of ESYD