HELLENIC ACCREDITATION SYSTEM

Annex F1/13 to the Certificate No. **730**-5

SCOPE of ACCREDITATION
of
Laboratory

«GEOHIMIKI – D. KARAMALIKIS»

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
Microbiological Tests		
1. Drinking water, surface water, groundwater, treated water and swimming pool water	1. Detection and enumeration of Escherichia coli and coliform bacteria	ISO 9308-1:2014/A1
2. Drinking water, surface water, groundwater, treated water and swimming pool water	2. Detection and enumeretion of intestinal enterococci	ISO 7899-2: 2000
Chemical Tests		
1. Drinking water, surface water, groundwater, treated water and swimming pool water	1. Measurement of pH	APHA*4500 H+-B
	2. Measurement of electric conductivity	Method OE07, based on APHA*2510B
	3. Determination of nitrate ion	HACH method 10049 (adapted from APHA* 4500-NO3 E)
	4. Determination of manganese ion	HACH method 8149
2.Olive oil, olive-pomace oil and oils	Determination of free fatty acids, cold method	COI/ DOC34/2017**
3. Fats and oils	1. Determination of peroxide value	COI/DOC35/2017**
	2. Spectrophotometric Investigation in Olive Oil	COI/ DOC 19/2019**

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

Site of assessment: **Permanent Laboratory Premises, 23B Taki Petropoulou, Pyrgos, Hleias.**
Approved signatory: **T. Kostopoulou, D. Karamalikis, T. Galioni**

This Scope of Accreditation replaces the previous one dated 06.06.2023.
The Accreditation Certificate No. **730**-5, to ELOT EN ISO/IEC 17025:2017, is valid until 03.02.2028.

Athens, 19 June 2026

Konstantinou Evangelos Apostolos
CEO of ESYD