Hellenic Accreditation System

Annex F1/2 to the Certificate No. **1439**

SCOPE of ACCREDITATION
of the
Laboratory of Environmental Testing and Research
of
Central Macedonia Region
as
Testing Laboratory

Tested materials / products	Types of test / Properties to be measured	Applied Standards / Techniques to be used
Chemical Tests		
Water supply (drinkable), Groundwater, Surface Water, Sea Water, Liquid Waste	1. Determination of pH	(AWWA, WEF and APHA) pH value, Standard Methods for the Examination of Water and Wastewater 24th Edition, 4500 Method Code: ΠΡΤ-2
	2. Determination of Conductivity	(AWWA, WEF and APHA) Conductivity, Standard Methods for the Examination of Water and Wastewater 24th Edition, 2510 Method Code: ΠΡΤ-3
	3. Determination of the Concentration of Nitrate Ions	APHA 24th Edition 4500 ΠΡΤ-4
	4. Determination of the Concentration of Phosphate Ions	APHA 24th Edition 4500, ΠΡΤ-5
	5. Determination of Chemically Required Oxygen	APHA 24th Edition 5220, ΠΡΤ-6

Tested materials / products	Types of test / Properties to be measured	Applied Standards / Techniques to be used
Molecular Genetics		
Digestive tissue of bivalve mollusk (mussel or oyster)	Qualitative detection of the pathogenic protozoa Marteilia refrigens Determination of airborne fibre number concentrations Identification of asbestos fibres in materials	DNA isolation from digestive tissue using the NucleoSpin Tissue® kit (Macherey-Nagel). Conventional PCR method (FastGene Ultra Cycler Gradient analyst) using specific to Marteilia refringens oligonucleotides-initiators Method code: ΠΡΤ-1

Site of assessment: **Laboratory of Environmental Testing and Research of the Central Macedonia Region, within the Thessaloniki Port Association**
Approved signatories: **I. Katsogiannis, I. Gianitsis, M. Xanthopoulou, S. Chatzimichailidou**

The Accreditation Certificate No. **1439**, to ELOT EN ISO/IEC 17025:2017, is valid until 30.10.2029.

Athens, 6 April 2026

Konstantinou Evangelos Apostolos
CEO of ESYD