Hellenic Accreditation System

Annex F1/13 to the Certificate No. **536**-7

SCOPE of ACCREDITATION

of the

Laboratory for Physicochemical Testing of Soil - Water - Plant Tissues

of the

Institute of Soil and Water Resources

of the

Hellenic Agricultural Organization - Demeter

Tested materials / products	Types of test / Properties	Applied standards / Techniques
Chemical Testing		
Soil Samples	1. Determination of available nitrate nitrogen (NO_3-N)	Modified validated in house method, OE-19-S, based on Meth. Soil. Anal.,1996*
	2. Determination of pH in soil paste	Modified validated in house method, OE-12-S, based on Meth. Soil. Anal.,1996*
	3. Determination of total nitrogen	ISO 11261:1995
	4. Determination of available zinc	In-house method, based on Meth. Soil. Anal.,1996* (OE-28-S)
Water	1. Determination of pH	ELOT 658:1983
	2. Determination of electrical conductivity	ELOT EN 27888:1993
	3. Determination of alkalinity	ELOT EN ISO 9963-1:1996
	4. Determination of chloride ions	MOHR method, ISO 9297:1989

Water (continued)	5. Determination of sodium	ISO 9964-3:1993
	6. Determination of calcium	In house method based on APHA24th Edition 2022 ** (OE-15-W)
	7. Determination of magnesium	In house method based on APHA 24th Edition 2022 ** (OE-16-W)
	8. Determination of dissolved manganese	ELOT EN ISO 15586:2003
	9. Determination of dissolved antimony	ELOT EN ISO 15586:2003
	10. Determination of dissolved boron	In-house method, based on Meth. Soil. Anal.,1996*, APHA 24th Edition. 2022 ** (OE-27-W)

* Soil Science of America, American Society of Agronomy, M.W.USA
** Standard Methods for the Examination of Water and Wastewater

Site of assessment : **Laboratory permanent premises, Industrial Area Sindos, GR-574 00, Thessaloniki**
Approved signatories : **E. Hadjigiannakis, D. Tsekoura, H. Kalogianni**

This Scope of Accreditation replaces the previous one dated 07.04.2025.
The Accreditation Certificate No **536**-7, to ELOT ISO/IEC 17025:2017, is valid until 09.04.2030.

Athens, 16th of September 2025

Konstantinou Evangelos Apostolos
CEO of ESYD