

Hellenic Accreditation System



Annex F1/6 to the Certificate No. **536-4**

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	Determination of available nitrate nitrogen (NO ₃ -N)	Modified validated in house method, OE-19-S, based on Meth. Soil. Anal.,1996*
	Determination of pH in soil paste	Modified validated in house method, OE-12-S, based on Meth. Soil. Anal.,1996*
	Determination of total nitrogen	ISO 11261:1995
	Determination of available zinc	In-house method, based on Meth. Soil. Anal.,1996* (OE-28-S)
Water	Determination of pH	ELOT 658:1983
	Determination of electrical conductivity	ELOT EN 27888:1993
	Determination of alkalinity	ELOT EN ISO 9963-1:1996

Water (continued)	Determination of chloride ions	MOHR method, ISO 9297:1989
	Determination of sodium	ISO 9964-3:1993
	Determination of calcium	In house method based on APHA 2012** (OE-15-W)
	Determination of magnesium	In house method based on APHA 2012** (OE-16-W)
	Determination of dissolved manganese	ELOT EN ISO 15586:2003
	Determination of dissolved antimony	ELOT EN ISO 15586:2003
	Determination of dissolved boron	In-house method, based on Meth. Soil. Anal.,1996*, APHA 2012** (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 03.11.2015.

The Accreditation Certificate No **536-4**, to ELOT ISO/IEC 17025:2005, is valid until 09.04.2021.

Athens, 12.06.2017

Ioannis Sitaras

Director of the Laboratories Accreditation Division