

Hellenic Accreditation System



Annex F1/1 to the Certificate No: **1436**

SCOPE of ACCREDITATION

of the

Chemical Laboratory

of

« **ZACHARIS** » Analysis Center

« **SOILAB** »

Materials / Tested products	Type of test/ Measured properties	Applied standards/ Techniques used
Chemical Testing		
Potable water	pH	In house method MΔ-02-01 potentiometric based on APHA-4500-H
	NO ₃ ⁻	In house method MΔ-02-03 using spectrophotometer
	Electrical Conductivity	In house method MΔ-02-02 (Conductometry)
	K	In house method MΔ-02-04 using atomic emission flame photometer
	Na	In house method MΔ-02-04 using atomic emission flame photometer
Soil	pH	In house method using pH-meter MΔ-01-01 based on ISO 10390:2005
	Electrical Conductivity	In house method using conductometer MΔ-01-02 based on ISO 11265
	Exchangeable Na	In house method MΔ-01-04 using atomic emission flame photometer, based on "Extraction with Ammonium Acetate PH 7 based on Methods of Soil Analysis 2nd ed 1982"
	Exchangeable K	In house method using atomic emission flame photometer, based on "Extraction with Ammonium Acetate PH 7 based on Methods of Soil Analysis 2nd ed 1982"

Materials / Tested products	Type of test/ Measured properties	Applied standards/ Techniques used
	Exchangeable N	In house method ΜΔ-01-03, using spectrophotometer based on «EXTRACTION 1:10 KCl 2 M (Keeney and Nelson, 1982) »

Site of assessment: **Theiron 46, 38446, Volos, Greece.**

Approved Signatories: **Miltiadis Zacharis, I.Pasias.**

The Accreditation Certificate No. **1436**, to ELOT EN ISO/IEC 17025:2017, is valid until 03.11.2029.

Athens, 04.11.2024

