Hellenic Accreditation System

Annex F1/15 to the Certificate No. **487**-6

SCOPE of ACCREDITATION

of the

Soil Analysis Laboratory

of the

Institute of Industrial and Fodder Crops (I.I.F.C.)

of the

Agricultural Research General Directorate

of the

Hellenic Agricultural Organization “DIMITRA”

Tested materials / products	Types of test / Properties	Applied Methods / Techniques
Chemical Tests		
1.Soils	1. Determination of available cupper	In house method based on Meth.Soil Anal. Part3, Chemical Methods SSSA**, 1996 Method code: OE-24
	2. Determination of available iron	
	3. Determination of available manganese	
	4. Determination of available zinc	
	5. Determination of Exchangeable Potassium and Magnesium	In house method based on Meth.Soil Anal. Part3, Chemical Methods SSSA**, 1996, Method code: OE-19
	6. Determination of soil acidity (pH)	In house method based on Meth.Soil Anal. Part3, Chemical Methods SSSA**, 1996, Method code: OE-18
	7. Determination of Nitrate Nitrogen	In house method based on Methods of Soil Analysis, Part 3, Chemical Methods SSSA** 1996, Chapter 38, Method code: OE-27

Tested materials / products	Types of test / Properties	Applied Methods / Techniques
	8. Determination of available Phosphorous (Olsen)	In house method based on Meth.Soil Anal. Part3, Chemical Methods SSSA**, 1996, Method code: OE-22
1.Soils (cont.)	9. Determination of Total Nitrogen (TKN) (Kjeldhal)	In house method based on Meth.Soil Anal. Part3, Chemical Methods SSSA**, 1996, Method code: OE-23
	10. Determination of organic matter	In house method based on: Meth.Soil Anal. Part3, Chemical Methods SSSA**, 1996, K.Alexiadi, Physical and Chemical analysis of soil Method code: OE-25
2. Soils, sludge	1. Determination of total forms of heavy metals Cu, Cr, Ni, Pb, Zn	In house method based on Meth.Soil Anal. Part3, Chemical Methods SSSA**, 1996, Method code: OE-20
3. Soils	Concerning submitted samples of soil and application of the analytical methods of the Scope of the Accreditation ; Interpretation of laboratoty soil sample analysis and express of opinion on the soil fertility, regardless of culture.	In house method based on: 1. Methods of Soil Analysis, Part 2-Chemical and Microbiological Properties, 2nd Edition by Page et al. 1982. ASA (**A**merican **S**ociety of **A**gronomy), SSSA (**S**oil **S**cience **S**ociety of **A**merica), Mad. WI., and its subsequent versions. 2. Soil Testing and Plant Analysis, 3rd Edition by Westerman, 1990. SSSA (**S**oil **S**cience **S**ociety of **A**merica), Mad. WI. 3. Soil Analysis, an interpretation manual. By Peverill, K.I., L.A. Sparrow, and D.J. Reuter 1999. **A**ustralian **S**oil and **P**lant **A**nalysis **C**ouncil, ASPAC. Collin. AU.

***Soil Science of America, American Society of Agronomy, M.W.USA*

Site of assessement: **Laboratory permanent premises – 1 Theofrastou, 41335, Larissa, Greece**
Approved signatories: **D. Vlachostergios, M.Tziouvalekas, Ch. Noulas, E. Evangelou**

This Scope of Accreditation replaces the previous one, dated 11.07.2024.
The Accreditation Certificate No. **487**-6, according to ELOT EN ISO/IEC 17025:2017, has been extended and is valid until 14.12.2029.

Athens, 2nd of December 2024

Konstantinos Kourtalis

Chairman of ESYD