Hellenic Accreditation System

Annex F1/10 to the Certificate No. **1073-3**

SCOPE of ACCREDITATION

of the Laboratory of

HELLASCHEM

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Chemical testing		
Fertilizers	1. Determination of ammoniacal nitrogen	EN 15475 (Kjeldhahl)
	2. Determination of extracted phosphorus in mineral acids	EN 15956 & EN 15959 (gravimetric)
	4. Determination of water-soluble potassium	In house Method, based on EN 15477 (flame photometer)
Honey	1. Determination of hydroxymethylfurfural (HMF)	White spectrophotometric method, Harmonised Methods of the International Honey Commission (2009), Method 5.2
	2. Determination of diastase activity	PHADEBAS spectrophotometric method, Harmonised Methods of the International Honey Commission (2009), Method 6.2
	3. Determination of percentage of thyme pollen grains	In house Method, based on Methods of the International Honey Commission [Apidologie 35 (Suppl.1) (2004)], by Microscope
Drinking water	1. Determination of nitrates	In house method based on APHA 4500-NO_3^- B, 23nd edition (screening method)
	2. Determination of hardness	Volumetric method ELOT 170:1980
	3. Determination of calcium and magnesium ions	In house volumetric method based on ELOT 169:1978 & ELOT 170:1980
Soil	Determination of pH	ISO 10390: 2005

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Plastic materials and articles in contact with foodstuffs	1. Determination of overall migration into aqueous food stimulants A, B, C and D1 by total immersion	EN 1186-3/2022 by Gravimetry
	2. Determination of overall migration into fatty food stimulant D2 (ethanol 95^0, isooctane), by total immersion	EN 1186-3/2022 by Gravimetry
	3. Determination of overall migration into aqueous food stimulants A, B, C and D1 by article filling	EN 1186-3/2022 by Gravimetry
	4. Determination of overall migration into fatty food stimulant D2 (ethanol 95^0, isooctane), by article filling	EN 1186-3/2022 by Gravimetry
	5. Determination of overall migration into aqueous food stimulants A, B, C by article filling	EN 1186-3/2022 by Gravimetry
	6. Determination of overall migration into D1 (ethanol 50%v/v) & fatty food stimulant D2 (ethanol 95^0, isooctane), by cell	EN 1186-3/2022 by Gravimetry
Feeding stuffs	1. Determination of the content of crude protein	In house method based on Regulation EC 152/2009 and ISO 1871:2009 (Kjeldhahl)
Olive oils and pomace oils	Spectrophotometric analysis in the ultraviolet (K232, K270, DK)	COI/T.20/Doc. No. 19

Microbiological testing		
Water (water for human consumption, surface water, pool water)	1. Enumeration of culturable micro-organisms at 22±2°C and 36±2°C	ISO 6222:1999
	2. Detection and enumeration of total coliforms and *E. coli*	ISO 9308-1:2014 /AMD 1:2016
	3. Detection and enumeration of intestinal enterococci	ISO 7899-2:2000
Water for human consumption	4. Enumeration of *Legionella*	ISO 11731:2017-§ 8.4.3. (Procedure 5 and 7).
Food and Animal Feeds	1. Enumeration of the total aerobic micro-organisms at 30°C	ISO 4833-1:2013
	2. Enumeration of Enterobacteriaceae	ISO 21528-1:2017

Site of assessment: **Permanent Laboratory Premises, 31 Alikarnassos str. and 127 El. Venizelos str., Nea Ionia, Attica, Greece, PC 14231.**
Approved signatories: **Iliopoulos Nikiforos, Papameletiou Evangelia**

This Scope of Accreditation replaces the previous one dated 12.11.2025.
The Accreditation Certificate No **1073-**3, to ELOT EN ISO/IEC 17025:2017, has been renewed according to ESYD´s decision and it is valid until 18.12.2029.

Athens, 27th of February 2026

Konstantinou Evangelos Apostolos
CEO of ESYD