Hellenic Accreditation System

Annex F1/5 to the Certificate No.**1239-2**

SCOPE of ACCREDITATION

of the

Testing Laboratory

of

CheMa Laboratories Analytical Laboratories General Partnership

Tested Materials / Products	Types of Test / Properties to be measured	Applied Standards / Techniques to be used
Chemical testing		
Honey	1. Determination of moisture	Refractometric method, “Harmonized Methods of the International Honey Commission”, p. 10-15
	2. Determination of electrical conductivity	Potentiometric method, “Harmonized Methods of the International Honey Commission”, p. 16-18
	3. Determination of HMF (hydroxymethylfurfural)	Spectrophotometric method White, “Harmonized Methods of the International Honey Commission”, p. 29-31
	4. Determination of diastase activity	Spectrophotometric method Schade, “Harmonized Methods of the International Honey Commission”, p. 35-38
	5. Determination of pH	In-house method based on “Harmonized Methods of the International Honey Commission”, p. 21-23
	6. Determination of free acidity	In-house method based on “Harmonized Methods of the International Honey Commission”, p. 21-23
	7. Determination of sugars (fructose, glucose, sucrose, maltose)	In-house method using HPLC/RI based on “Harmonized Methods of the International Honey Commission”, p. 46-48
Olive and olive pomace oils	1. Determination of acidity	COI/T.20/Doc. No 34/Rev. 1, 2017
	2. Determination of peroxide value	COI/T.20/Doc. No 35/Rev.1, 2017

Tested Materials / Products	Types of Test / Properties to be measured	Applied Standards / Techniques to be used
	3. Spectrophotometric investigation in the ultraviolet (K values at 268 nm and 232 nm) and the parameter ΔK	COI/T.20/Doc. No 19/Rev. 5, 2019
Potable, surface water and waste water	Determination of pH	APHA-4500-H+, 23rd ed., 2017*
Potable and surface water	1. Determination of electrical conductivity	Method No.: WTR02 In house method based on APHA-2510B, 23rd ed., 2017*
	2. Determination of nitrates (NO_3^-)	Method No.: WTR03 In house method based on APHA-4500-NO_3 B,, 23rd ed., 2017*
	3. Determination of chloride (Cl^-)	Method No.: WTR07 Lovibond M90
	4. Determination of nitrites (NO_2^-)	Method No.:WTR08 Lovibond M270
	5. Determination of ammonium (NH_4^+)	Method No.:WTR09 Lovibond M65
Food (Bakery wares, beverages, seasonings and condiments, sauces alcoholic drinks)	1. Determination of sorbic acid and benzoic acid	In-house method using HPLC/DAD based on ISO 22855:2008.
Microscopic testing		
Honey	Qualitative pollen analysis in honey	Method No.: HON04 In house method based on J. Louveaux et al., Methods of Melissopalynology, Bee World, 59:4, 139-157 (1978)
	Determination of % pollen grains of thymus, citrus, castanea, helianthus, erica in honey	
	Qualitative and quantitative determination of starch	

* American Public Health Association, American Water Works Association, Water Environment Federation, "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017

Site of assessment : **Permanent Laboratory premises, Xenofontos 2, Corinth,Greece**
Approved signatories: **A. Kampolis , F. Ravani**

This Scope of Accreditation replaces the previous one dated 07.02.2025.
The Accreditation Certificate No.**1239-2,** according to ELOT EN ISO/IEC 17025:2017, is valid until 22.03.2030

Athens, 08.01.2026

Konstantinou Evangelos Apostolos
CEO of ESYD