Hellenic Accreditation System

HELLENIC ACCREDITATION SYSTEM

Annex F1/24 to Certificate **128**-8

SCOPE of ACCREDITATION

of the

Laboratory of Analytical Chemistry

of the

Mediterranean Agronomic Institute of Chania (M.A.I.CH.)

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
Chemical Tests		
1. Olive oil	1. Determination of free fatty acids, cold method	COI/T.20/Doc. No 34
	2. Determination of the peroxide value	COI/T.20/Doc. No 35
	3. Spectrophotometric investigation in the ultraviolet	COI/T.20/Doc. No 19
2. Honey	1. Separation of carbohydrates (glucose, fructose, sucrose)	In-house method based on "Method 7.2, Harmonized methods of the International Honey Commission 2009"
	2. Determination of electrical conductivity	Harmonized methods of the International Honey Commission 2009, Method 2
	3. Determination of moisture content	Harmonized methods of the International Honey Commission 2009, Method 1
	4. Determination of Hydroxymethylfurfural (HMF) (White method)	Method 5.2, Harmonized methods of the International Honey Commission, rev.2009
	5. Determination of diastase activity (Schade method)	Method 6.1, Harmonized methods of the International Honey Commission, rev.2009
	6. Qualitative melissopalynological analysis of honey and determination of the relative frequency of pollen grains and honeydew elements	In house method based on Harmonized methods of Melissopalynology, W. von der Ohe και συν., Apidologie (2004)

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
	(list of pollen species/types that are counted, in alphabetic order of latin name and the ratio of honeydew elements HDE/P) 1. Acer (maple) 2. Anarrhinum bellidifolium 3. Anthyllis 4. Arbutus (strawberry tree) 5. Artemisia 6. Asparagus 7. Aster/Solidago T 8. Ballota 9. Brassica (rape) 10. Brassicaceae 11. Castanea (chestnut) 12. Centaurea jacea T/solstitialis/idaea 13. Ceratonia (carob tree) 14. Cistaceae 15. Citrus (orange, lemon, etc) 16. Coriandrum (coriander) 17. Cytisus/Ulex type 18. Echium (purple viper's bugloss) 19. Erica (heather) 20. Eucalyptus 21. Gossypium (cotton) 22. Hedera helix (ivy) 23. Hedysarum coronarium (sulla clover) 24. Helianthus annus (sunflower) 25. Lavandula (lavender) 26. Lavandula pedunculata (syn. L.stoechas) 27. Leptospermum (manuka) 28. Myrtus (myrtle) 29. Olea (olive tree) 30. Onobrychis/Hedysarum type (sainfoin) 31. Paliurus spina-christi (Christ's thorn) 32. Prunus T (almond tree, cherry tree, etc.) 33. Quercus (oak tree, etc.)	S18-S25.

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
	34. Rhamnaceae (buckthorn, jujube, etc.) 35. Robinia (false-acacia, black locust) 36. Rosaceae T (rose family) 37. Rosmarinus (rosemary) 38. Rubus (blackberry) 39. Salix (willow) 40. Thymus /Thymbra (thyme) 41. Tilia (lime, linden) 42. Trifolium pratense T (red clover) 43. Verbascum (mullein) 44. Xanthium (cocklebur) 45. HDE/P (ratio of honeydew elements)	

Site of assessment: **Laboratory Permanent premises – Makedonias 1, Alsyllio Agrokipiou, P.O. Box 85, 73100, Chania, Crete, Greece**
Approved signatories: **P. Gotsiou, S. Loupasaki, S. Grigorakis, I. Remoundou**

This scope of Accreditation replaces the previous one, dated 10.09.2024.
The Accreditation Certificate No. **128**-8, according to ELOT EN ISO/IEC 17025:2017, is valid until 04.05.2028.

Athens, 31st of August 2026

Konstantinou Evangelos Apostolos
CEO of ESYD