Hellenic Accreditation System

HELLENIC ACCREDITATION SYSTEM

Annex F1/7 to the Certificate No. **1160**-1

SCOPE of ACCREDITATION

of the

Laboratory of Apiculture – Sericulture

of the

Faculty of Agriculture, Forestry and Natural Environment, School of Agriculture

of the

Aristotle University of Thessaloniki

Tested materials / products	Types of test / Properties	Applied standards / Techniques
Chemical Tests		
Honey	1. Determination of acaricide residues (coumaphos, bromopropylate, τ-fluvalinate)	In house methods (ΜΔ-05/HP/μECD) based on bibliography: "Acaricide Residues in some Bee Products", *Journal of Apicultural Research* 37(2):57-67 (1998)
	2. Determination of HMF	In house method (ΜΔ-03/ HMF) Spectrophotometric method after White, "Harmonised methods of the European Honey Commission", *Apidologie Extra issue*, p.25 – 27, (1997)
	3. Determination of diastase	In house method (ΜΔ-03/ HMF) Kinetic spectrophotometric method after Schade: "Harmonised methods of the European Honey Commission", *Apidologie Extra issue*, p.31 – 34, (1997)
	4. Determination of moisture	In house method (ΜΔ-07/M) Refractometric method – "Harmonised methods of the European Honey Commission", *Apidologie Extra issue*, p 11 – 13, (1997)
	5. Determination of electrical conductivity	In house method (ΜΔ-08/EC) Electrochemical method - "Harmonised methods of the European Honey Commission", *Apidologie Extra issue*, p.14-16. (1997)

Tested materials / products	Types of test / Properties	Applied standards / Techniques
Biological Tests		
Honey bees	Molecular analysis for the determination of race of honey bees	In house methods (ΜΔ-06/DNA) based on the protocol: "Purification of total DNA from soft tissues using the Tissue Lyser and the DNeasy® Blood & Tissue Kit. User-developed protocol", DY11 Aug-06 (2006) and based on bibliography: "Diagnostic molecular markers discriminating Africanized honey bees from Greek and Cypriot honey bees (*Apis mellifera*, Hymenoptera: Apidae)". *Journal of Apicultural Research* 45(3):197–202, (2006) and "Genetic divergence and phylogenetic relationships of honeybee *Apis mellifera* (Hymenoptera: Apidae) populations from Greece and Cyprus using PCR-RFLP analysis of three mtDNA segments". *Apidologie* 36:335 – 344 (2005)
Microscopic Tests		
Honey	Determination of botanic origin of honey by quantitative pollen analysis	In house methods (ΜΔ-01-LM) based on bibliography: Methods of Melissopalynology *Bee World*, 59, 139-157 (1978) και Harmonized methods of melissopalynology. *Apidologie*, 35:18-25 (2004)

Site of assessment : **Permanent Laboratory premises, Laboratory of Apiculture – Sericulture, Aristotelian University Farm, Thermi, Thessaloniki**
Approved signatories: **C. Tananaki, M. Dimou, E. Karazafeiris, D. Kanelis, B. Liolios**

This Scope of Accreditation replaces the previous one, dated 04.02.2025.
The Accreditation Certificate No. **1160**-1, according to ELOT EN ISO/IEC 17025:2017, is valid until 21.03.2028.

Athens, 28th of July 2026

Konstantinou Evangelos Apostolos
CEO of ESYD