Morphometric analysis for the determination of the subspecies of *Apis Mellifera*

ANALYTICAL PARAMETER	CODE (1)	M.U.	LOQ (2)	TEST METHOD	PRICE € VAT excluded	ACCREDITED (3)	MINIMUM SAMPLE QUANTITY REQUIRED
Morphometric identification of the subspecies of *Apis mellifera*	MDP/61	*Apis mellifera ligustica* *Apis mellifera carnica* *Apis mellifera mellifera* *Apis mellifera siciliana* *Apis mellifera caucasica*	12 wings	Optical microscopy + image analysis	50,00	yes	50 worker bees

(1) Test identification code
(2) Limit of quantification (where applicable): minimum number of wings on which to perform the analysis
(3) ACCREDIA accreditation n° 00177

For the request for contributions according to Ministerial Decree No. 0614768 of November 30, 2022, containing national provisions for the implementation of REGULATION (EU) 2021/2115 of the European Parliament and of the Council of December 2, 2021, which provides in Article 5, paragraph 4, that "The biological material (nuclei, packages of bees, queen bees) is eligible for the contribution provided that, at the time of purchase, it is accompanied by certification attesting that the bees belong to the native subspecies..." it is specified that this Center is responsible only for carrying out the analyses, and has no title on the sampling methods or the number of samples required, which are the responsibility of the regional administrations that activate the specific intervention.

To perform the morphometric analysis of a hive population, a sample of approximately 50 young worker bees is required; it is suggested to collect the bees in the presence of brood in the central area of the nest. The bees must be preserved in ethyl alcohol (for example, the one used to make liqueurs) in hermetically sealed containers.

Each sample intended for the Laboratory must be uniquely identified by marking it with an acronym, code or description. It is recommended to use a pencil (graphite pencil) to avoid erasures due to alcohol leakage.