



HONEY

DESCRIPTION OF THE ANALYSIS on HONEY

Self-check analysis package

Physic-chemical analyses including free acidity, water content, diastatic activity, electrical conductivity, hydroxymethylfurfural and sugar content.

Multiresidual Antibiotic Analysis

Chemical analysis that allows to detect the presence of Sulphonamides, Tetracyclines and Tilosin.

Comprehensive Multiresidual Antibiotic Analysis

Chemical analysis that allows to detect the presence of Sulphonamides, Fluoroquinolones, Macrolides, Tetracyclines and Nitroimidazoles. Aminoglycoside analysis Chemical analysis that allows to detect the presence of Streptomycin and Dihydrostreptomycin

Metabolite analysis of furans

Chemical analysis that allows to detect the presence of - 1-Aminohydantoin (AHD), 3-Amino-5-Morpholinomethyl-2-Oxazolidinone (AMOZ), - 3-Amino-2-Oxazolidinone (AOZ), - Semicarbazide (SEM)

Amphenicol analysis

Chemical analysis that allows to detect the presence of Chloramphenicol

Acaricide analysis

Chemical analysis that allows to detect the presence of the active ingredients in the most common treatments in beekeeping: Acrinatrin, Amitraz and Metabolites, Bromopropylate, Cimiazolo, Clofenvinfos, Cumafos, Fluvalinate, Rotenone, Tetradifon.

Pesticide Analysis

Chemical analysis that allows to detect the presence of the major active ingredients (over 200) dispersed in the environment and / or used in the treatment phase.

Qualitative Melissopalinalogical Analysis

Microscopic analysis of the honey sediment which - through the recognition of pollen grains, the study of their relative frequency and the presence of the other microscopic elements - allows us to trace the botanical and geographical origin of the honey in question. The test report shows the complete list of the pollen spectrum identified, the presence of any indicators of honeydew, yeast, carbonaceous particles and other elements of the sediment and the descriptive sensory analysis.

Sugar analysis

Chemical analysis that detects the quantity of fructose, glucose, ratio F / G, F + G, sucrose, maltose. Sugar Adulteration Screening ¹³C EA / LC-IRMS Isotope Analysis.

Heavy Metals Analysis

Chemical analysis that allows to detect the presence of Cadmium, Mercury, Lead, Arsenic, Chromium and Nickel.

Microbiological analysis

Analyzes that allow to verify the hygiene of the various processing stages by means of the total count of aerobic bacteria (Bacillus spp, Listeria spp, Salmonella spp, Campylobacter spp) and anaerobes (Clostridium spp), the count of osmophilic yeasts and molds.

Search for Genetically Modified Organisms (GMOs)

Biomolecular analysis that allows to detect the presence of pollen contaminated by GMOs (coming from the cultivation of genetically modified seeds).

CONTACT

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DESCRIPTION OF THE ANALYSIS on OTHER PRODUCTS

BEESWAX

Acaricide analysis
Complete Acaricide Analysis with Fiumetrina

POLLEN

Pesticide Analysis
Pollen analysis

BEES DEATH IN THE FIELD

Pesticides and Acaricides Analysis

ROYAL JELLY

10-HDA analysis
Comprehensive Multiresidue Antibiotic Analysis
Amphenicol analysis
Acaricide analysis
Pesticide Analysis
Heavy Metals Analysis

ENVIRONMENTAL BIOMONITORING

We support local administrations in local biomonitoring activities, they use bees as sentinels of the environment.

Analytical and assistance part:

- ✓ Multiresidue analysis on the different matrices (wax, honey, pollen, bee bread ...)
- ✓ Dead bees' analysis

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