



Client

NICODEMO DARIO

VIA ACQUAFETENTE 7

84098 PONTECAGNANO FAIANO (SA) Italia

Our reference	20242840	Other information	Sulla/Robinia/Agrumi
Client reference	Miele	Received	11/07/2024
Product	Miele/Honey	Start/End of analysis	12/12/2024 / 12/12/2024
Declared Geo.	Italia/Italy - Campania	Declared Bot. Origin	Vedi "Altre informazioni"

Qualitative and quantitative melissopalynological analysis

Microscopical method UNI 11299:2008

Botanical origin conclusion multifloral honey

Geographical origin the pollen spectrum fits with the declared origin (Italy - Campania)

Interpretation: the pollen spectrum corresponds to a multifloral honey where mains components are honeydew (see "Total honeydew elements number estimation"), chestnut (Castanea, in count results) and Eucalyptus. The botanical associations are compatible with the declared geographical origin (Italy - Campania).

Count results

1° count nectarif. % total %

Nectariferous pollen types

Castanea	226	75	72
Eucalyptus camaldulensis type	49	16	16
Rubus	7	2	2
Trifolium alexandrinum	4	1	1
Scrophulariaceae altre	3	1	1
Clematis	2	1	1
Cruciferae	2	1	1
Gleditsia	2	1	1
Hedysarum	2	1	1
Parthenocissus	2	1	1
Citrus limon	1	p	p
Ligustrum	1	p	p
Mentha pulegium	1	p	p
Myrtus	1	p	p
Ailanthus	p	p	p
Bignoniaceae	p	p	p
Borago	p	p	p
Citrus	p	p	p
Indeterminati/Unidentified	p	p	p
Lathyrus/Vicia	p	p	p
Melilotus/Trigonella	p	p	p
Ocimum	p	p	p

	1° count	nectarif. %	total %
Punica	p	p	p
Rosaceae altre	p	p	p
Salix	p	p	p
Trifolium repens	p	p	p
Umbelliferae A	p	p	p
Total nectariferous pollen	303		
Nectarless pollen types			
Papaver	4		1
Graminaceae altre	3		1
Fraxinus ornus	1		p
Quercus robur	1		p
Urticaceae s.l.	1		p
Chamaerops	p		p
Juglans	p		p
Pinaceae	p		p
Quercus ilex	p		p
Spergularia	p		p
Washingtonia	p		p
Zea	p		p
Total nectarless pollen	10		
Total count	313		
Honeydew elements		176	
Honeydew elements/pollen grains		0,58	0,56
Finely granulated matter	slightly present		
Starch grains (as % of pollen grains)	not observed		
Other sediment components	yeasts		
Identified types number			38
Total pollen grains number estimation (PG/10 g)			183.600
Total honeydew elements number estimation (HDE/10 g)			103.200
Total plant elements (PG+HDE/10 g)			286.800

p = "present" pollen type identified out of counting or less than 1%

Other analysis

Water % (refractometry): 17,3

Colour mm Pfund (Hanna photometer): 85

Electrical conductivity mS/cm (conductimetry): 1,03

Descriptive sensory analysis: see annex

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Date 12/12/2024

Attach to Analysis Report N. 20242840

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Sensory descriptive analysis

Internal sensory method modified from Piana et al., 2004

Visual characteristics

Physical state: liquid
Aspect: clear
Colour: dark

Olfactory characteristics

Odour intensity:: medium
Odour description: mainly warm and slightly vegetal and aromatic

Olfactory-gustatory characteristics

Aroma intensity: medium
Aroma description: mainly warm and slightly vegetal and aromatic
Aroma persistence: medium
Taste: weak sweetness, medium acidity, weak bitterness
Other mouth perceptions: -

Tactile characteristics

Consistency: normally fluid
Crystals: absent

Sensory defects

not perceptible

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LABORATORY DIRECTOR

Maria Lucia Piana

