



ΜΕΣΟΓΕΙΑΚΟ ΑΓΡΟΝΟΜΙΚΟ ΙΝΣΤΙΤΟΥΤΟ ΧΑΝΙΩΝ
ΕΡΓΑΣΤΗΡΙΟ ΑΝΑΛΥΤΙΚΗΣ ΧΗΜΕΙΑΣ

Chania, 6/11/2020
Resp.: S.Loupasaki
Ref. No.: 2020/531-p/GEN

CERTIFICATE OF ANALYSIS

Name of client	Kokkiadis Stavros		
Address	Pyrgos, Maleviziou, Heraklion, Greece		
tel./Fax /e-mail	0030 6973 844456	Container/mass or volume	Glass jar / ~450 gr.
Product for analysis	Honey	Sampled by	client
Sample name	-	Date of acceptance	27/10/2020
Lab sample code	H6432 (1925)	Date of analysis	6/11/2020

REQUESTED: **qualitative pollen analysis of honey- simple**
METHOD OF ANALYSIS: internal based on Von der Ohe et al., 2004, Apidologie 35, S18-S25
(results for pollen types of plant species)

RESULTS

Plant species	% of species over total pollen grains of nectar giving species
MAIN NECTAR GIVING SPECIES	
Brassicaceae	38 %
Helianthus	19%
Fagopyrum	11%

OTHER NECTAR GIVING SPECIES: Cirsium, Taraxacum, Ceratonia, Apiaceae, Eucalyptus, Thymbra/Thymus, Myrtus, Convolvulus, Cynoglossum

NECTARLESS SPECIES: Plantago, Artemisia, Chenopodiaceae, Poaceae, Olea, Cupressus, Ranunculaceae.

HONEYDEW ELEMENTS (HDE): a few

REMARKS: Based on the pollen analysis results and according to the legislation in force*, the sample could be characterized as **multifloral honey**. Further analyses are required for the complete and valid characterization of the sample.

Notes: The above results refer only to the analysed sample. Partial reproduction of the above analysis is prohibited without the written permission of MAICH.

* GENERAL GREEK REGULATIONS for HONEY:

- o Decision No. 68/2002 General Chemical State Laboratory of Greece (EU Directive 2001/110)
- o Decision No. 127/2004 of the Supreme Chemical Council of the State of Greece (for Greek unifloral honeys)

Analyst

Panagiota Gotsiou, Biologist

Technical responsible

Sofia Loupasaki, Chemist



MEDITERRANEAN AGRONOMIC INSTITUTE OF CHANIA
LABORATORY OF ANALYTICAL CHEMISTRY

Chania, 16/11/2020
Resp.: S.Loupasaki
Ref. No.: 2020/531-c/GEN

CERTIFICATE OF ANALYSIS

Name of client	Kokkiadis Stavros		
Address	Pyrgos, Maleviziou, Heraklion, Greece		
tel./Fax /e-mail	0030 6973 844456	Container/mass or volume	Glass jar / ~450 gr.
Product for analysis	Honey	Sampled by	client
Sample name	-	Date of acceptance	27/10/2020 (further order 10/11/2020)
Lab sample code	H6432 (1925)	Date of analysis	10-16/11/2020

RESULTS

Measured parameter	Sample value	Method of analysis	Limits*
Diastase activity	14,7 DN	Schade (Meth.6.1, IHC 2009)	General limit>8 Exceptions*>3
HMF (Hydroxy-methyl-furfural)	4,6 mg/kg	White (Meth.5.2, IHC 2009)	General limit<40
pH	4,4	Meth.4.1, IHC 2009	-
Free acidity	25,5 meq/kg	Meth.4.1, IHC 2009	General limit<50
Colour	-	Photometric (HANNA)	-

REMARKS: Sample values within limits* based on regulations in force*. Further analyses are required for the complete and valid characterization of the sample

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- o Decision No. 68/2002 General Chemical State Laboratory of Greece (EU Directive 2001/110)
- o Decision No. 127/2004 of the Supreme Chemical Council of the State of Greece (for Greek unifloral honeys)

Analyst – Technical Responsible

S.LOUPASAKI / CHEMIST



Chania, 13/11/2020
Resp.: S.Loupasaki
Ref. No.: 2020/140

CERTIFICATE OF ANALYSIS

Name of client	Kokkiadis Stavros		
Address	Pyrgos, Maleviziou, Heraklion, Greece		
tel./Fax /e-mail	0030 6973 844456	Container/mass or volume	Glass jar / ~450 gr.
Product for analysis	Honey	Sampled by	client
Sample name	-	Date of acceptance	27/10/2020 (further order 10/11/2020)
Lab sample code	1925	Date of analysis	13/11/2020

REQUESTED ANALYSIS	METHOD OF ANALYSIS
Separation of carbohydrates (glucose, fructose, sucrose)	HPLC/RI (in house method based on Method 7.2, IHC 2009)

RESULTS

	Sample value
Fructose (g/100g honey)	36,2
Glucose (g/100g honey)	26,1
Sum of Fructose and Glucose (g/100g honey)	62,2
Sucrose (g/100g honey)	not detected

Note: The above results refer only to the analysed sample. Partial reproduction of the above analysis is prohibited without the written permission of MAICH.

Analyst

S.GRIGORAKIS / CHEMIST

Technical Manager

S.LOUPASAKI/CHEMIST



Chania, 11/11/2020
Resp.: S.Loupasaki
Ref. No.: 2020/139

CERTIFICATE OF ANALYSIS

Name of client	Kokkiadis Stavros		
Address	Pyrgos, Maleviziou, Heraklion, Greece		
tel./Fax /e-mail	0030 6973 844456	Container/mass or volume	Glass jar / ~450 gr.
Product for analysis	Honey	Sampled by	client
Sample name	-	Date of acceptance	27/10/2020
Lab sample code	1925	Date of analysis	11/11/2020

RESULTS

REQUESTED ANALYSIS	METHOD OF ANALYSIS
Determination of moisture	Harmonized methods of the international honey commission 2009, method 1
Determination of electrical conductivity	Harmonized methods of the international honey commission 2009, method 2

RESULTS

	Sample value
Moisture (%)	14,6
Electrical conductivity (mS/cm at 20°C)	0,67

Note: The above results refer only to the analysed sample. Partial reproduction of the above analysis is prohibited without the written permission of MAICH.

Analyst

S.LOUPASAKI/ CHEMIST

Quality Manager

P.GOTSIU / BIOLOGIST