



REPUBLIC OF TURKEY
THE MINISTRY OF AGRICULTURE AND FORESTRY
RADIX İZMİR PRIVATE FOOD CONTROL LABORATORY



Test
TS EN ISO/IEC 17025
AB-1197-T

AB-1197-T

G25-5406 / 00

08-25

REPORT of EXAMINATION and ANALYSIS

Report / Revision Number : G25-5406 / 00

Date of Incoming Letter :

Report Date : 26.08.2025

Number :

A) SAMPLE INFORMATION

The Purpose of Analysis	: Private Request		
Sample Sender	Institution / Organization	: Sia Analiz Laboratuvarları Kimyasal Sanayi ve Ticaret Limited Şirketi	
	Adress	:	
Sampling Record Date & Number		Security Seal Number	:
Sample	Type	: HONEY	
	Serial - Part Number	Package	: Glass Jar
	Quantity	Production Date	: 24.07.2025
	Expiration Date	The Recommended Consumption Date	:
	Manufacturer	: HUNNY GIDA TARIM ÜRETİM VE TİCARET ANONİM ŞİRKETİ	
	Date Received	Location	:
Sample Code	:		
Sample Acceptance Date & Time	: 15.08.2025 09:21:24	Temperature ¹	: 20°C
Analysis Start Date	: 15.08.2025 10:46:43	End Date	: 26.08.2025 16:53:05
Customs Entry Declaration Date / No	:	Sample GTIP Number	:
Country of Imported / Exported Country	:	Amount to be Imported / Exported	:
Customs Received	:	Brand	:

¹ Filling maintenance for samples that should be kept in the cold chain.

B) ANALYSIS RESULTS

Analysis	Results	LOD/LOQ	E.U.(±)	R (%)	Device	Method	Limit	Limit Source	Evaluation
1-*Naphthalene (µg/kg)	Not Detected	/5			HS/GCMS	Journal of Apiproduct and Apimedical Science 2(3):87-92, 2010(Modifiye)			NI

Zeynep ÖZER

Manager of Chemical
Laboratory

e-signed

İrfan İSET

Manager of Sample
Accept. and Report

e-signed

Confirmable
26.08.2025
Merve SARIOĞLU

Lab. Manager (P)

e-signed

F.05.PR.18 RELEASE DATE: 20.08.2025
REVISION NO:00 REVISION DATE: 00.00.0000

It has been signed with electronic signature pursuant to Electronic Signature Law No 5070.

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T. +90 232 400 02 02
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Sayfa No 1/3



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B) ANALYSIS RESULTS

Analysis	Results	LOD/LOQ	E.U.(±)	R (%)	Device	Method	Limit	Limit Source	Evaluation
2-*C13 / C12 Ratio and Delta C13 (%)	-	/			IR-MS	AOAC 998.12			
1-*Delta C13 Protein (%)	-23,73	/	-1,31		IR-MS	AOAC 998.12			NI
2-*Protein Honey Difference (%)	2,00	/	4,36		IR-MS	AOAC 998.12			NI
3-*Delta C13 Raw Honey (%)	-25,73	/	-1,75		IR-MS	AOAC 998.12			NI
3-*Sugar Components (Fructose-Glucose-Sucrose-Maltose) Analysis (%)	-	/			HPLC-RID	IHC 2009, In House Method (KALSÇY-204)			
1-*Fructose (%)	36,43	/2,5	1,51		HPLC-RID	IHC 2009, In House Method (KALSÇY-204)			NI
2-*Glucose (%)	36,86	/5	1,83		HPLC-RID	IHC 2009, In House Method (KALSÇY-204)			NI
3-*Sucrose (%)	Not Detected	/0,5			HPLC-RID	IHC 2009, In House Method (KALSÇY-204)			NI
4-*Maltose (%)	Not Detected	/0,5			HPLC-RID	IHC 2009, In House Method (KALSÇY-204)			NI
4-Fruktoz/Glukoz Oranı (%)	0,99	/	0,06		HPLC-RID	IHC 2009, In House Method (KALSÇY-204)			NI
5-Fruktoz+Glukoz Toplamı (%)	73,29	/	2,43		HPLC-RID	IHC 2009, In House Method (KALSÇY-204)			NI
6-*Determination of Proline (mg/kg)	1.084,6	/70 mg/kg	55,42		Spectrophotometer	IHC 2009			NI
7-*Acidity (meq/kg)	35,90	/	1,00			TS 13360			NI

ABBREVIATION

E:Evaluation P:Pass F:Fail N.I.: Not Interpreted R:Recovery E.U.:Expanded Uncertainty LOD/LOQ:Limit of Detection/Limit of Quantification R.L.:Reporting Limit O.G.:Official Gazette (R.G.) TFC:Turkish Food Codex F.B:Disclaimer

Zeynep ÖZER

Manager of Chemical
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Manager of Sample
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Merve SARIOĞLU
Lab. Manager (P)

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REPORT of EXAMINATION and ANALYSIS

EXPLANATION/OPINION/COMMENT/RULE OF DECISION/DISCLAIMER

Evaluation for analysis results marked with "#" in this report does not meet the full definition of residue.

EVALUATION

WARNINGS

1. The above mentioned values were determined as the result of the examination and analysis.
2. No part of the analysis report can not be used alone or separately.
3. Analysis results are valid for the above mentioned sample.
4. This report may not be partially copied or reproduced without the written permission of the laboratory.
5. Unsigned and unsealed reports are not valid.
6. The analysis signed with "" are in the scope of accreditation. The analysis results marked with "" in this report relate to the scope detailed in the Türkak Accreditation certificate no. AB-1197-T. The most up-to-date versions of the methods used within the scope of accreditation are included.
7. Radix İzmir Analiz Laboratuvar Hizmetleri A.Ş. accredited by TÜRKAK under registration number AB-1197-T for TS EN ISO/IEC 17025:2017 as Calibration Laboratory.
8. Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of calibration certificates.
9. The laboratory was not in the sampling stage. Therefore, uncertainty due to sampling was not taken into account.
10. The laboratory was not in the process of sampling.
11. The declaration of conformity of the analysis result was made according to the result obtained by subtracting the measurement uncertainty from the analysis result. The declaration of conformity is based on the probability of 95% coverage for extended uncertainty.
12. The declared extended measurement uncertainty does not include sampling, and is the value obtained by multiplying the standard uncertainty by the expansion coefficient $k = 2$ and is within the 95% confidence interval.
13. The laboratory is responsible for all information except when the customer does not specify. (See: official record of the sample included in this analysis report, analysis proposal form and / or email)
14. This report cannot be used for judicial and administrative proceedings and for advertising purposes.
15. In the case of a waiver submitted and approved by the customer, the laboratory is not responsible for the validity of the results that will be affected due to the sample not complying with the conditions specified in the sample acceptance criteria (packaging, temperature, quantity, etc.).

Zeynep ÖZER

Manager of Chemical
Laboratory

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