



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

AB-1197-T

G2022/658-00

01-22

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

REPORT of EXAMINATION and ANALYSIS

Report / Revision Number : G2022-658 / 00

The Purpose of Analysis : Private Request

Type of Sample : Natural Extra Virgin Olive Oil

Record of Date / Number : 27.01.2022 /

Serial - Part Number : - /

Analysis Start - Finish Date : 28.01.2022 - 31.01.2022

Sample Acceptance Date : 27.01.2022

Temperature : 20 °C

Date of Arrival to the Laboratory : 27.01.2022

Sample Sent by : Novadez Gıda Tar. San. Tic. A.Ş.

Quantity of Sample : 1000 ml

Sample Package : Glass Bottle

Analysis	Results	Method	R (%)	E.U.	LOQ	LOD	Limit	Limit Source	E
1-*Fatty Acids Composition (Erucic Acid Inclusion) / Omega 3, Omega 6 (%)	-	TGK 2014/53---COI T20.doc 17 GC-FID						Turkish Food Codex Communiqué on Olive Oil and Olive Pomace Oil (Communiqué No: 2017/26)	
1-*Miristik Asit (%)	Not Detected	TGK 2014/53---COI T20.doc 17 GC-FID					≤0,03%		P
2-*Palmitik Asit (%)	12,31 ± 0,32	TGK 2014/53---COI T20.doc 17 GC-FID		0,32			7,50-20,00%		P
3-*Palmitoleik Asit (%)	0,76 ± 0,04	TGK 2014/53---COI T20.doc 17 GC-FID		0,04			0,30-3,50%		P
4-*Heptadekanoik Asit (%)	0,16 ± 0,00	TGK 2014/53---COI T20.doc 17 GC-FID		0,00			≤0,40%		P
5-*Heptadecenoic Acid (%)	0,23 ± 0,02	TGK 2014/53---COI T20.doc 17 GC-FID		0,02			≤0,60%		P
6-*Stearik Asit (%)	3,11 ± 0,06	TGK 2014/53---COI T20.doc 17 GC-FID		0,06			0,50-5,00%		P
7-*Oleik Asit (%)	71,08 ± 6,30	TGK 2014/53---COI T20.doc 17 GC-FID		6,30			55,00-83,00%		P
8-*Trans-Oleik Asit (%)	Not Detected	TGK 2014/53---COI T20.doc 17 GC-FID					≤0,05 %		P
9-*Linoleik Asit (%)	10,64 ± 0,99	TGK 2014/53---COI T20.doc 17 GC-FID		0,99			2,50-21,00%		P

Meryem SANCAK  
Che. Lab.  
Responsible

e-signed



Confirmable  
31.01.2022  
Hakan TEZEREN  
Lab. Manager

e-signed



Irfan İSET  
Responsible of Sample  
Accept. and Report

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F.03.PR.18 PUBLISH DATE 01.06.2016  
REVISION NO:12 REVISION DATE:  
03.08.2021



REPUBLIC OF TURKEY  
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RADIX İZMİR PRIVATE FOOD CONTROL LABORATORY

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REPORT of EXAMINATION and ANALYSIS

Analysis	Results	Method	R (%)	E.U.	LOQ	LOD	Limit	Limit Source	E
10-*Trans Linoleik+Linolenik Asit (%)	Not Detected	TGK 2014/53---COI T20.doc 17 GC-FID					≤0,05 %		P
11-*Linolenik Asit (%)	0,55 ± 0,05	TGK 2014/53---COI T20.doc 17 GC-FID		0,05			≤1,0%		P
12-*Araşidik Asit (%)	0,52 ± 0,03	TGK 2014/53---COI T20.doc 17 GC-FID		0,03			≤0,60%		P
13-*Cis-11-Eikosenoik Asit (%)	0,44 ± 0,01	TGK 2014/53---COI T20.doc 17 GC-FID		0,01			≤0,50%		P
14-*Behenik Asit (%)	0,15 ± 0,01	TGK 2014/53---COI T20.doc 17 GC-FID		0,01			≤0,20%		P
15-*Erusik Asit (%)	Not Detected	TGK 2014/53---COI T20.doc 17 GC-FID			0,05 %		≤5%	Turkish Food Codex Contaminants Regulation (2011/28157)	P
16-*Lignoserik Asit (%)	0,07 ± 0,00	TGK 2014/53---COI T20.doc 17 GC-FID		0,00			≤0,20%		P

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. Abbreviations; E : Evaluation, P : Pass, F : Fail, N.I. : Not Interpreted, R : Recovery, E.U. : Expanded Uncertainty, LOQ : Limit of Quantification
7. 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.
8. 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.
9. 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.
10. The laboratory was not in the sampling stage. Therefore, uncertainty due to sampling was not taken into account.
11. The laboratory was not in the process of sampling.
12. 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.
13. 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.
14. 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)

Meryem SANCAK  
Che. Lab.  
Responsible

e-signed



Confirmable  
31.01.2022  
Hakan TEZEREN  
Lab. Manager

e-signed



İrfan İSET  
Responsible of Sample  
Accept. and Report

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