



CHEM SOLUTIONS

ANALYTICAL LABORATORIES

Kalimnou 5^a Moschato, Athens, 18345
Tel: +30 211 1831992, e-mail: info@chemsolutions.gr, www.chemsolutions.gr



CHEMICAL TESTING
LABORATORY RECOGNIZED
BY THE IOC
1.12.2023-30.11.2024
TYPE B & C

Testing
Cert. No 964

CERTIFICATE OF ANALYSIS: 15268

Personal Data		Sample Data	
Company:	JEGIT GERMANY / EF ZIN GREECE	Sample:	Extra Virgin Olive Oil
First Name last Name:	R. SHEHO / K. MAVRIDIS	Sample Code:	15268
Address:	GEORGIU VASILIOU 10-12, 19441, KOROPi ATTIKI	Date of Receipt:	18/12/2023
Tel:	+497681010935/+302109418594	Date of Analysis:	18/12/2023 - 19/12/2023
email:	rsheho@jegit.de kos.mavr@efzingreece.com	Condition of Sample:	Acceptable
		Sampling Responsible:	Client
		Description:	Sealed bottle

Determination	Units	Result	Limit ¹	Method of Analysis
Acidity	% w/w oleic acid	0.26	M 0.8	COI/T.20/Doc. No 34
Absorbance in UV				
K ₂₇₀	-	0.140	M 0.22	COI/T.20/Doc. No 19
K ₂₃₂	-	1.680	M 2.50	COI/T.20/Doc. No 19
Δk	-	0.002	M 0.01	COI/T.20/Doc. No 19
Total phenolic compounds	mg/Kg	285	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
Hydroxytyrosol	mg/Kg	18.3	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
Tyrosol	mg/Kg	18.8	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
Vanillic acid	mg/Kg	0.5	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
Vanillin	mg/Kg	0.2	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
p-Coumaric acid	mg/Kg	0.2	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
Hydroxytyrosol acetate	mg/Kg	3.7	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
Ferulic acid	mg/Kg	0.19	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
DDOA ^a	mg/Kg	19.5	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
Isomer of AOA ^c	mg/Kg	16.5	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
DDLA ^b	mg/Kg	43.8	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
Pinoresinol	mg/Kg	1.0	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
Cinnamic acid + 1-Acetoxy-pinorensinol	mg/Kg	34.7	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
Luteolin	mg/Kg	0.97	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
AOA ^c	mg/Kg	72.7	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
Apigenin	mg/Kg	0.17	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
AOL ^d	mg/Kg	53.5	-	COI/T.20/Doc. No 29/Rev 2/METHOD 2*
Hydroxytyrosol, tyrosol and their derivatives^e	mg/20 gr	4.9	M ² 5.0	Efet: 1654/06.02.2018

¹Analytical data within limits of E.U. regulations 2022/2104 & 2022/2105 for Extra Virgin Olive Oil as amended and valid. (M: Maximum, m: minimum).

²EU Regulation 432/2012

^a: dialdehydic form decahydroxymethyl oleuropein aglycon, ^b: dialdehydic form decahydroxymethyl ligstroside aglycon, ^c: aldehydic form oleuropein aglycon ^d: aldehydic form ligstroside aglycon. ^e Sum of Hydroxytyrosol, Tyrosol, Hydroxytyrosol acetate, DDOA, isomer of AOA, DDLA, AOA, AOL.

Any reproduction of the results is strictly forbidden without the laboratory's permission. The results only refer to the sample as submitted by customer. *Tests outside the scope of accreditation.



CHEM SOLUTIONS

ANALYTICAL LABORATORIES

Kalimnou 5^A Moschato, Athens, 18345
Tel: +30 211 183 1992, e-mail: info@chemsolutions.gr, www.chemsolutions.gr



CHEMICAL TESTING
LABORATORY RECOGNIZED
BY THE IO
1.12.2023-30.11.2024
TYPE B & C



Testing
Cert. No 964

CERTIFICATE OF ANALYSIS: 15268

Personal Data

Company: JEGIT GERMANY / EF ZIN GREECE
First Name last Name: R. SHEHO / K.MAVRIDIS
Address: GEORGIU VASILIOU 10-12, 19441, KOROPI
ATTIKI
+497681010935/+302109418594
Tel:
email: rsheho@jegit.de
kos.mavr@efzingreece.com

Sample Data

Sample: Extra Virgin Olive Oil
Sample Code: 15268
Date of Receipt: 18/12/2023
Date of Analysis: 18/12/2023 - 19/12/2023
Condition of Sample: Acceptable
Sampling Responsible: Client
Description: Sealed bottle

DATE OF ISSUE: 19/12/2023

On behalf of the laboratory



Michalis Tampakopoulos
Chemist, M.Sc.

End of the Report

Any reproduction of the results is strictly forbidden without the laboratory's permission. The results only refer to the sample as submitted by customer. *Tests outside the scope of accreditation.