



TEST REPORT

doc. code : LAB06-03#2-1

Customer : MARAGOULIS DAVID

Certificate Number/Sample Number : 20250130-07

Description of sample : Olive Oil
Condition of sample : Acceptable
Sample receipt date : 28/01/2025
Sample delivery : Sample was brought to the lab by the customer
Sampling date : 28/01/2025
Sample collected by : Customer
Testing start date : 30/01/2025
Testing end date : 03/02/2025
Deviations or Non-Compliances : None

Test Parameter	Method	Units	Result	Limits	Notes
Physicochemical Tests					
Acidity					
Free fatty acids (as oleic acid)	IOC-COI/T.20/Doc . No 34	%	0,61	< 0,80	✓
Peroxide Value					
Peroxide value	IOC-COI/T.20/Doc . No 35	meq O ₂ /Kg	16,88	< 20,0	✓
Spectrophotometric examination in the ultraviolet					
K232	IOC-COI/T.20/Doc . No 19		1,873	< 2,50	✓
K270	IOC-COI/T.20/Doc . No 19		0,097	< 0,22	✓
ΔK	IOC-COI/T.20/Doc . No 19		0,002	< 0,01	✓
Fatty acid methyl esters (FAME)					
C14:0 (Myristic)	IOC-COI/T.20/Doc . No 33	%	0,02	< 0,03	✓
C16:0 (Palmitic)	IOC-COI/T.20/Doc . No 33	%	11,04	7,00 - 20,00	✓

Results continued on page 2...



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Test Parameter	Method	Units	Result	Limits	Notes
Physicochemical Tests					
C16:1 (Palmitoleic)	IOC-COI/T.20/Doc . No 33	%	0,67	0,30 - 3,50	✓
C17:0 (Heptadecanoic)	IOC-COI/T.20/Doc . No 33	%	0,04	< 0,40	✓
C17:1 (Heptadecenoic)	IOC-COI/T.20/Doc . No 33	%	0,05	< 0,60	✓
C18:0 (Stearic)	IOC-COI/T.20/Doc . No 33	%	3,72	0,50 - 5,00	✓
C18:1 (Oleic)	IOC-COI/T.20/Doc . No 33	%	74,37	55,00 - 85,00	✓
C18:2 (Linoleic)	IOC-COI/T.20/Doc . No 33	%	8,38	2,50 - 21,00	✓
C18:3 (Linolenic)	IOC-COI/T.20/Doc . No 33	%	0,58	< 1,00	✓
C20:0 (Arachidic)	IOC-COI/T.20/Doc . No 33	%	0,56	< 0,60	✓
C20:1 (Eicosenoic)	IOC-COI/T.20/Doc . No 33	%	0,36	< 0,50	✓
C22:0 (Behenic)	IOC-COI/T.20/Doc . No 33	%	0,14	< 0,20	✓
C22:1 (Erucic)	IOC-COI/T.20/Doc . No 33	%	< 0,01	-	
C24:0 (Lignoceric)	IOC-COI/T.20/Doc . No 33	%	0,07	< 0,20	✓
C18:1 trans	IOC-COI/T.20/Doc . No 33	%	0,02	< 0,05	✓
C18:2 και C18:3 trans	IOC-COI/T.20/Doc . No 33	%	0,02	< 0,05	✓
Waxes					
Waxes (C42, C44, C46)	IOC-COI/T.20/Doc . No 28*	mg/Kg	43	< 150	✓

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Test Parameter	Method	Units	Result	Limits	Notes
Physicochemical Tests					
Nutritional Analysis					
Calories	*	kcal/100 g	884	-	
Protein	*	g/100 g	0	-	
Carbohydrates	*	g/100 g	0	-	
of which sugars	*	g/100 g	0	-	
Fat	*	g/100 g	100	-	
of which saturated	*	g/100 g	15,6	-	
monounsaturated	*	g/100 g	75,5	-	
polyunsaturated	*	g/100 g	8,9	-	
Dietary fiber	*	g/100 g	0	-	
Sodium	*	g/100 g	0	-	

Notes

The test report shall not be reproduced, except in full, without the written permission of the laboratory.

The test results only apply to the items tested.

The test report does not include opinions and interpretations.

Methods marked with the asterisk symbol (*) are out of the official scope of accreditation.

Results marked with a double asterisk symbol (**) are given as estimated counts.

Test parameters showing Notes: ✓ are in line with Commission Delegated Regulation (EU) 2022/2104 regarding the category of extra virgin olive oil.

Test parameters showing Notes: ✖ are not in line with Commission Delegated Regulation (EU) 2022/2104 regarding the category of extra virgin olive oil.

Thessaloniki, 03-02-2025

For Modern Analytics

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