



TEST REPORT

doc. code : LAB06-03#2-1

Customer : **MATRAKAS THOMAS**

Certificate Number/Sample Number : **20251219-10**

Description of sample : Olive Oil [Papa Christo, Cyan Midi, Monovarietal, Halkidiki round olives]

Condition of sample : Acceptable

Sample receipt date : 19/12/2025

Sample delivery : Sample was brought to the lab by the customer

Sampling date : 19/12/2025

Sample collected by : Customer

Testing start date : 19/12/2025

Testing end date : 19/12/2025

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	%	0,20	< 0,80	✓
Peroxide Value					
Peroxide value	IOC-COI/T.20/Doc . No 35	meq O ₂ /Kg	5,99	< 20,0	✓
Spectrophotometric examination in the ultraviolet					
K232	IOC-COI/T.20/Doc . No 19		1,625	< 2,50	✓
K270	IOC-COI/T.20/Doc . No 19		0,086	< 0,22	✓
ΔK	IOC-COI/T.20/Doc . No 19		0,003	< 0,01	✓
Fatty acid methyl esters (FAME)					
C14:0 (Myristic)	IOC-COI/T.20/Doc . No 33	%	0,01	< 0,03	✓

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Test Parameter	Method	Units	Result	Limits	Notes
Physicochemical Tests					
C16:0 (Palmitic)	IOC-COI/T.20/Doc . No 33	%	11,00	7,00 - 20,00	✓
C16:1 (Palmitoleic)	IOC-COI/T.20/Doc . No 33	%	0,69	0,30 - 3,50	✓
C17:0 (Heptadecanoic)	IOC-COI/T.20/Doc . No 33	%	0,05	< 0,40	✓
C17:1 (Heptadecenoic)	IOC-COI/T.20/Doc . No 33	%	0,06	< 0,60	✓
C18:0 (Stearic)	IOC-COI/T.20/Doc . No 33	%	3,33	0,50 - 5,00	✓
C18:1 (Oleic)	IOC-COI/T.20/Doc . No 33	%	75,84	55,00 - 85,00	✓
C18:2 (Linoleic)	IOC-COI/T.20/Doc . No 33	%	7,10	2,50 - 21,00	✓
C18:3 (Linolenic)	IOC-COI/T.20/Doc . No 33	%	0,66	< 1,00	✓
C20:0 (Arachidic)	IOC-COI/T.20/Doc . No 33	%	0,59	< 0,60	✓
C20:1 (Eicosenoic)	IOC-COI/T.20/Doc . No 33	%	0,39	< 0,50	✓
C22:0 (Behenic)	IOC-COI/T.20/Doc . No 33	%	0,18	< 0,20	✓
C22:1 (Erucic)	IOC-COI/T.20/Doc . No 33	%	< 0,01	-	
C24:0 (Lignoceric)	IOC-COI/T.20/Doc . No 33	%	0,10	< 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					

Results continued on page 3...



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Test Parameter	Method	Units	Result	Limits	Notes
Physicochemical Tests					
Waxes					
Waxes (C42, C44, C46)	IOC-COI/T.20/Doc . No 28*	mg/Kg	44	< 150	✓
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	15,3	-	
monounsaturated	*	g/100 g	77,0	-	
polyunsaturated	*	g/100 g	7,7	-	
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.

The client can be informed about the decision rule that the laboratory implements through the laboratory's website (www.modernanalytics.gr), where it is uploaded.

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

Test parameters showing Notes : * are not in line with the regulation (EU) 2022/2104 for the category of extra virgin olive



**MODERN
ANALYTICS**
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oil.

Thessaloniki, 19-12-2025

For Modern Analytics

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