



**MODERN  
ANALYTICS**

**Chemical & Microbiological Analysis Laboratory  
Scientific Support Services**

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**LABORATORY TESTS RESULTS REPORT-CERTIFICATE OF ANALYSIS**

**CODE OF ANALYSIS: 20151124-01\_01**

Customer code:

Analysis ordered by: **ELENI ZOTOU**

Address of customer: KALIVES CHALKIDIKI

Acquisition of sample: Sample was brought to the lab by the customer

Person in charge of sampling: The Customer

Sampling date: November 24, 2015

Receipt date: November 24, 2015

End of analysis date: December 2, 2015

Condition of sample: Normal  Not acceptable

Possible deviation from method requirements and specifications: None

Declared Oil Type: OLIVE OIL

Parameter	Method	Units	Results	Limits*
Acidity	Commission Regulation (EEC) No 2568/91, Annex II	%	0,21	0,80
Peroxide Value	Commission Regulation (EEC) No 2568/91, Annex III	meqO2/kg	4,87	20,0
<b>Specific Extinction K Values</b>				
K270	Commission Regulation (EEC) No 2568/9,1 Annex IX		0,153	0,22
K232			1,738	2,50
ΔK			-0,003	0,01
Fatty Acid Methyl Ester Profile	Commission Regulation (EEC) No 2568/9,1 Annex XA			
C14:0 (Myristic)		%	0,01	0,05
C16:0 (Palmitic)		%	11,72	7,5-20,0
C16:1 (Palmitoleic)		%	1,05	0,3-3,5
C17:0 (Heptadecanoic)		%	0,03	≤0,3
C17:1 (Heptadecenoic)		%	0,08	≤0,3
C18:0 (Stearic)		%	2,16	0,5-5,0



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C18:1 (Oleic)	%	<b>76,21</b>	55,0-83,0	
C18:2 (Linoleic)	%	<b>7,08</b>	3,5-21,0	
C18:3 (Linolenic)	%	<b>0,66</b>	1,0	
C20:0 (Arachidic)	%	<b>0,41</b>	0,6	
C20:1 (Eicosenoic)	%	<b>0,39</b>	0,4	
C22:0 (Behenic)	%	<b>0,13</b>	0,2	
C22:1 (Erucic)	%	<b>0,00</b>	-	
C24:0 (Lignoceric)	%	<b>0,07</b>	0,2	
C18:1 trans	%	<b>0,01</b>	0,05	
C18:2 και C18:3 trans	%	<b>0,01</b>	0,05	
Waxes	Commission Regulation (EEC) No 2568/9,1 Annex XX	%	<b>43</b>	250

*\*COMMISSION REGULATION (EEC) N° 2568/91 , Limits for Extra Virgin Olive Oil*

Laboratory Address: [Trilofos, 57500, P.O. Box. 236, Thessaloniki, Tel. 23920-73495, email: info@modernanalytics.gr](mailto:info@modernanalytics.gr)

*This certificate of analysis shall not be reproduced without the written permission of the laboratory and only as a complete certificate.*

*The results are exclusively refer to the submitted samples.  
This certificate does not contain opinions or interpretations.*

Thessaloniki, 2-12-2015

For Modern Analytics  
Technical Manager

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