



**MODERN
ANALYTICS**

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

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LABORATORY TESTS RESULTS REPORT-CERTIFICATE OF ANALYSIS

ANALYSIS CODE: 13120600-01

Chemical Test Applicant: HOLIVE LTD
Address: 30th Michail Psellou Str, Thessaloniki
Date of sample receipt: Dec. 4, 2013
Date of analyses performance: Dec. 4, 2013 - Dec. 6, 2013
Sample Collector: Customer
Samples were delivered to the laboratory by: Samples were collected by the client
Temperature of Sample when collected: Ambient
Possible non-conformances with method requirements: -

Declared Oil Type: Extra Virgin Olive Oil
Sample Description: 250 ml of Sample in a dark 250 ml glass bottle

Parameter	Units	Results	Limits*
Acidity	%	0,33	0,80
Peroxide Value	meqO2/kg	8,04	20,0
Specific Extinction K Values			
K270		0,137	0,22
K232		1,621	2,50
ΔK		-0,005	0,01
Fatty Acid Methyl Ester Profile			
C14:0 (Myristic)	%	0,01	0,05
C16:0 (Palmitic)	%	12,40	7,5-20,0
C16:1 (Palmitoleic)	%	1,00	0,3-3,5
C17:0 (Heptadecanoic)	%	0,06	$\leq 0,3$
C17:1 (Heptadecenoic)	%	0,10	$\leq 0,3$
C18:0 (Stearic)	%	2,72	0,5-5,0
C18:1 (Oleic)	%	75,81	55,0-83,0
C18:2 (Linoleic)	%	5,89	3,5-21,0
C18:3 (Linolenic)	%	0,88	1,0
C20:0 (Arachidic)	%	0,49	0,6



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C20:1 (Eicosenoic)	%	0,33	0,4
C22:0 (Behenic)	%	0,17	0,2
C22:1 (Erucic)	%	0,00	-
C24:0 (Lignoceric)	%	0,07	0,2
C18:1 trans	%	0,01	0,05
C18:2 και C18:3 trans	%	0,01	0,05

*COMMISSION REGULATION (EEC) N° 2568/91

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

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This certificate does not contain opinions or interpretations.

Thessaloniki, 6-12-2013

For Modern Analytics

Technical Manager

ΣΥΓΧΡΟΝΗ ΑΝΑΛΥΤΙΚΗ
ΜΑΡΙΟΣ ΜΑΡΟΥΛΗΣ
ΤΕΧΝΙΚΟΙ ΔΟΚΙΜΑΣΤΕΣ & ΑΝΑΛΥΣΤΕΣ
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