

CHEMICAL LABORATORY of LAMIA

85, Karaiskaki str., Lamia Tel: (+30) 2231024526

Document: D5.10.1E01 - Version: v. 1.0 - 1.K. - 01/07/15

REPORT ON RESULTS OF THE LABORATORY TESTS

Report Data	
No of report	08122017_01_01
Date of report	11/12/2017
Customer Data	
Name of the customer	Eleftheroglou
Address	Athens
No of samples	1(one)
Mark upon sample	--
Sample Data	
Sampling:	By customer
Transport:	By courier
Packaging:	container bottle 0.5 kg
Condition:	Satisfactory
Reservation:	Room temperature
Date of receipt	08/12/2017
Kind of sample	Oil
No of Sample	08122017_01

Analysis report				
Tested parameters	Results	Units	Evoo limits	Voo limits
Acidity	0.26	% elaic acid-	≤ 0.8	≤ 2.0
K270	0.14	-	≤ 0.22	≤ 0.25
K232	1.45	-	≤ 2.50	≤ 2.60

Indicator DK	0.00	-	≤ 0.01	≤ 0.01
Peroxide value	6.4	mEq O ₂ /Kg	≤ 20	≤ 20

The results are within the limits of the legislation on extra virgin olive oil.

Technical Officer
 Ioannis KYRIAKOU
 Chemist MSc

Laboratory Manager
 DOUSKOU Vasiliki

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Analysis report		
Tested parameters	%	Legislation limits *
C 4:0 butyric	0	-
C 6:0 Capronic	0	-
C 8:0 Caprylic	0	-
C 10:0 Capric	0	-
C 12:0 Lauric	0	-
C 14:0 myristic	0	0.05
C 14:1 myristoleic	0	-

C 15 Pendadecanoic	0	-
C 15:1 cis - 10 - pendadecanoic	0	-
C 16:0 palmitic	10.32	7.5 - 20
C 16:1 palmitoleic	0.59	0.3 - 3.5
C 17:0 Heptadecanoic	0	-
C 17:1 cis - 10 Heptadecanoic	0	-
C 18:0 stearic	2.67	0.5 - 5.0
C 18:1 trans	0	0.05
C 18:1 oleic	79.39	55.0 - 83.0
C 18:2 trans	0	0.05
C 18:2 linoleic	5.72	3.5 - 21
C 20:0 Arachidic	0.39	0.6
C 18:3 linolenic	0.64	1.0
C 18:3 trans	0	0.05
C 20:1 cis -9 - Eicosenoic acid	0.25	0.4
C 21:0 hemicosanoic	0	-
C 20:2 eicosadienoic	0	-
C 20:3 n3 eikosatrienoic	0	-
C 22:0 Behenic	0	-
C 20:3 n6 eikosatrienoic	0	-
C 20:4 n6 Arachidonic	0	-
C 22:1 Erucic	0	-
C 23:0 tricosanoic	0	-
C 22:2 docosadienoic	0	-
C 20:5 n3 EPA	0	-
C 24:0 Lignoceric	0	0.2
C 24:1 nevronic	0	-
C 22:5 n3 cis 7.10.13.16.19 - docosapentaenoic	0	-
C 22:6 n3 DHA	0	-

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Analysis report				
Tested parameters	Results	Units	Legislation limits	Method of analysis
Total polyphenols ²	-	mg / kg	-	Inner photometric
Sterols	-	mg / kg	≥ 1000	2568/91 E.U.
Cholesterol	-	%	≤ 0.5	2568/91 E.U.
Erythrodiol + uvaol	-		≤ 4.5	2568/91 E.U.
Total beta-sitosterol	-		≥ 93.0	2568/91 E.U.
Waxes ²	-	mg / Kg	< 150	2568/91 E.U.
Stigmastadienes	-	mg / Kg	< 0.05	2568/91 E.U.
ΔECN42	-	%	< 0.2	2568/91 E.U.

Analysis report

Tested parameters	Results	Units	Legislation limits	Method of analysis
Proteins	< 1	%	-	Food and Drinks Code
Total fats	99	%	-	
<u>of which:</u>				
Monounsaturated %	80	%		
saturated %	13	%		
poly-unsaturated %	7	%		
trans %	0.0	%		
Omega 3	0.6	%	-	
Omega 6	6.4	%	-	
Sugars	< 1	%	-	
Moisture	< 1	%	-	
Energy	891	Kcal/100ml	-	

Clarifications:

- ¹ Method within the scope of accreditation.
- ² Subcontracting product
- * The analysis follows the instructions of the Community Directive 2568/91 and its relevant amendments.

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This is a faithful translation of the Greek document attached.





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Peristeri, 04.01.2018

The Director of Erminia - Peristeri,



Evaggelia Milona