

**CERTIFICATE OF ANALYSIS no: 67475**

Date of issue: 1/3/2018

<b>CUSTOMER:</b> NTIVIS IOANNIS - PETRICHOR LAND	<b>FAX :</b>
<b>MULTICHROM.LAB CODE No :</b> 67475	<b>Date of analysis (from):</b> 28/2/2018
<b>DECLARED COMMODITY:</b> EXTRA VIRGIN OLIVE OIL	<b>(to):</b> 1/3/2018
<b>RECEIVING DATE:</b> 28/2/2018	<b>SAMPLE CONDITION:</b> NORMAL
<b>SEALS:</b> None	<b>SAMPLING BY:</b> CUSTOMER
<b>DATA:</b>	

**RESULTS**

Determination	Method	Unit	Result	Limit
Free fatty acid content (as oleic acid)	2568/91	%	0,26	≤ 0,8
K Coefficients	2568/91	-	-	-
K268		-	0,091	≤ 0,22
K232		-	1,631	≤ 2,50
DK		-	-0,003	≤ 0,01
Peroxide Value	2568/91	meqO2/kg	7,9	≤20,0
Total Halogenated Volatile Solvents	2568/91	mg/kg	<0,01	≤ 0,2
ΔECN42	2568/91	-	0,1	≤ 0,2
Stigmastadienes	2568/91	ppm	0,01	≤ 0,05
Ethylesters of Fatty Acids	COI/T.20/Doc. 28 - 2009	mg/kg	5	≤ 35
Fatty Acid Composition	2568/91	%	-	-
C14:0 (Myristic)			0,02	≤ 0,03
C16:0 (Palmitic)			11,61	7,5-20,0
C16:1 (Palmitoleic)			0,67	0,3-3,5
C17:0 (Heptadecanoic)			0,13	≤ 0,3
C17:1 (Heptadecenoic)			0,19	≤ 0,3
C18:0 (Stearic)			2,76	0,5-5,0
C18:1 (Oleic) (ω9)			71,65	55,0-83,0
C18:2 (Linoleic) (ω6)			11,28	3,5-21,0
C18:3 (Linolenic) (ω3)			0,64	≤ 1,0
C20:0 (Arachidic)			0,48	≤ 0,6
C20:1 (Eicosenoic)			0,36	≤ 0,4
C22:0 (Behenic)			0,15	≤ 0,2
C22:1 (Erucic) (ω9)			0,00	-
C24:0 (Lignoceric)			0,06	≤ 0,2
trans C18:1			0,01	≤ 0,05
trans C18:2 + trans C18:3			0,01	≤ 0,05
Sterols	EU 2568/91	mg/kg	2437	≥ 1000
Cholesterol		%	0,1	≤ 0,5
Brasicasterol		%	<0,1	≤ 0,1

The above results concern only the sample we examined.

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n.d. - not detected, LoD - limit of detection of the method (the lowest concentration of a substance that can be distinguished from the absence of that substance for the given analytical procedure), LoQ - limit of quantitation of the method (the concentration of a substance at which quantitative results can be reported with a high degree of confidence for the given analytical procedure), (1) semi-quantitative, (2) no metabolites included.

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### RESULTS

Determination	Method	Unit	Result	Limit
24-methylcholesterol		%	0,1	-
Campesterol (Campes.)		%	2,8	≤ 4,0
Campestanol		%	0,2	-
Stigmasterol		%	0,5	< Campes.
d7-campestanol		%	0,0	-
d5,23stigm/dienol		%	0,0	-
Clerosterol		%	0,6	-
B-sitosterol		%	78,0	-
Sitostanol		%	0,7	-
d5-avenasterol		%	13,3	-
d5,24-stigm/dienol		%	2,0	-
d7-stigmastenol		%	0,4	≤ 0,5
d7-avenasterol		%	1,3	-
Erythrodiol		%	1,0	-
Uvaol		%	0,1	-
Erythrodiol+uvaol		%	1,1	≤ 4,5
Total b-sitosterol		%	94,6	≥ 93,0
Waxes	2568/91	mg/kg	11	≤ 150



For **multichrom.lab**

  
 E. Salivaras, M.Sc.

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