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## CERTIFICATE OF ANALYSIS no: P-110932

Date of issue: 28/12/2023

<b>CUSTOMER:</b>	<b>PHONE :</b> 6944301617 NI
<b>MULTICHROM.LAB CODE No :</b> P-110932	<b>Date of analysis (from):</b> 27/12/2023
<b>COMMODITY ACCORDING TO CUSTOMER:</b> EXTRA VIRGIN OLIVE OIL	<b>(to):</b> 28/12/2023
<b>RECEIVING DATE:</b> 27/12/2023	<b>SAMPLE CONDITION:</b> NORMAL
<b>SEALS:</b> None	<b>SAMPLING BY:</b> CUSTOMER
<b>DATA:</b> OIVOTAS PC NO 5 ΠΑΤΡΙΝΙΑ -ΚΟΡΩΝΙΑ	

### RESULTS

Determination	Method	Unit	Result	Limit <sup>1</sup>
Free fatty acid content (as oleic acid)	COI/T.20/DOC.	%	0,33	≤ 0,80
K Coefficients	COI/T.20/DOC.19/Rev.	-	-	-
K268		-	0,181	≤ 0,22
K232		-	1,643	≤ 2,50
DK		-	0,000	≤ 0,01
Peroxide Value	COI/T.20/DOC.35/Re v.1/2017	meqO <sub>2</sub> /kg	4,6	≤20,0
Total Halogenated Volatile Solvents	2568/91 <sup>a</sup>	mg/kg	<0,01	≤ 0,2
ΔECN42	COI/T.20/Doc.No.20/	-	0,07	≤ 0,20
Stigmastadienes	COI/T.20/Doc. No 16/Rev. 2 2017 <sup>a</sup>	mg/kg	0,01	≤ 0,05
Ethylesters of Fatty Acids	COI/T.20/Doc. 28 - 2009	mg/kg	10	≤ 35
Fatty Acid Composition	COI/T.20/DOC.	%	-	-
C14:0 (Myristic)			0,01	≤ 0,03
C16:0 (Palmitic)			12,42	7,00-20,00
C16:1 (Palmitoleic)			0,96	0,30-3,50
C17:0 (Heptadecanoic)			0,04	≤ 0,40
C17:1 (Heptadecenoic)			0,06	≤ 0,60
C18:0 (Stearic)			2,60	0,50-5,00
C18:1 (Oleic) (ω9)			76,84	55,00-85,00
C18:2 (Linoleic) (ω6)			5,30	2,50-21,00
C18:3 (Linolenic) (ω3)			0,74	≤ 1,00
C20:0 (Arachidic)			0,48	≤ 0,60
C20:1 (Eicosenoic)			0,32	≤ 0,50

<sup>a</sup> Method outside the scope of accreditation.

The above results concern only the sample we examined.

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n.d. - not detected.

<sup>1</sup>Limits according to: EU 2104/2022 as in force today,



Tests  
certification no.632-5



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C22:0 (Behenic)			0,16	≤ 0,20
C22:1 (Erucic) (ω9)			<0,01	-
C24:0 (Lignoceric)			0,07	≤ 0,20
trans C18:1			0,02	≤ 0,05
trans C18:2 + trans C18:3			0,01	≤ 0,05
Sterols	COI/T.20/Doc.no.26/	mg/kg	1021	≥ 1000
Cholesterol		%	0,1	≤ 0,5
Brassicasterol		%	<0,1	≤ 0,1
24-methylcholesterol		%	0,3	-
Campesterol (Carnes.)		%	4,1**	≤ 4,0
Campestanol		%	0,0	-
Stigmasterol		%	0,8	< Carnes.
d7-campestanol		%	0,0	-
d5,23stigm/dienol		%	0,0	-
Clerosterol		%	1,0	-
B-sitosterol		%	82,2	-
Sitostanol		%	0,2	-
d5-avenasterol		%	10,1	-
d5,24-stigm/dienol		%	0,6	-
d7-stigmastenol		%	0,2	≤ 0,5
d7-avenasterol		%	0,3	-
Erythrodiol		%	3,2	-
Uvaol		%	0,4	-
Erythrodiol+uvaol		%	3,6	≤ 4,5
Total b-sitosterol		%	94,1	≥ 93,0
Waxes (C42+C44+C46)	COI/T.20/DOC.28/Re	mg/kg	36	≤ 150

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**COMMODITY ACCORDING TO**

**CUSTOMER:** EXTRA VIRGIN OLIVE OIL

**RECEIVING DATE:** 27/12/2023

**SEALS:** None

**DATA:** OIVOTAS PC NO 5 ΠΑΤΡΙΝΙΑ -ΚΟΡΩΝΙΑ

**PHONE :** 6944301617 NI

**Date of analysis (from):** 27/12/2023

**(to):** 28/12/2023

**SAMPLE CONDITION:** NORMAL

**SAMPLING BY:** CUSTOMER

\*\*campesterol may be above 4.0 and  $\leq 4.5$  if stigmasterol  $\leq 1.4\%$  and d-7stigmastenol  $\leq 0.3\%$ .

  
Dimitrios Salivaras  
Laboratory Supervisor

  
Emmanuel Salivaras, M.Sc.  
Laboratory General Manager

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