



## CERTIFICATE OF ANALYSIS no: P-119044

Date of issue: 2/12/2024

<b>CUSTOMER:</b> SOLIEXPO	<b>PHONE :</b> 2103805090
<b>MULTICHROM.LAB CODE No :</b> P-119044	<b>Date of analysis (from):</b> 28/11/2024
<b>COMMODITY ACCORDING TO</b>	<b>(to):</b> 2/12/2024
<b>CUSTOMER:</b> EXTRA VIRGIN OLIVE OIL	<b>SAMPLE CONDITION:</b> NORMAL
<b>RECEIVING DATE:</b> 28/11/2024	<b>SAMPLING BY:</b> CUSTOMER
<b>SEALS:</b> None	
<b>DATA:</b>	

### RESULTS

Determination	Method	Unit	Result	Limit <sup>1</sup>
Free fatty acid content (as oleic acid)	COI/T.20/DOC. 34/Rev. 1 – 2017	%	0,25	≤ 0,80
K Coefficients	COI/T.20/DOC.19/Re v.5/2019	-	-	-
K268		-	0,159	≤ 0,22
K232		-	1,732	≤ 2,50
DK		-	-0,007	≤ 0,01
Peroxide Value	COI/T.20/DOC.35/Re v.1/2017	meqO <sub>2</sub> /kg	5,4	≤20,0
Total Halogenated Volatile Solvents	2568/91 <sup>a</sup>	mg/kg	<0,01	≤ 0,2
ΔECN42	COI/T.20/Doc.No.20/ Rev.4/2017 as in force	-	0,08	≤ 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	4	≤ 35
Fatty Acid Composition	COI/T.20/DOC. 33/Rev. 1 – 2017	%	-	-
C14:0 (Myristic)			0,01	≤ 0,03
C16:0 (Palmitic)			12,57	7,00-20,00
C16:1 (Palmitoleic)			0,90	0,30-3,50
C17:0 (Heptadecanoic)			0,04	≤ 0,40
C17:1 (Heptadecenoic)			0,07	≤ 0,60
C18:0 (Stearic)			3,13	0,50-5,00
C18:1 (Oleic) (ω9)			75,19	55,00-85,00
C18:2 (Linoleic) (ω6)			6,46	2,50-21,00
C18:3 (Linolenic) (ω3)			0,70	≤ 1,00
C20:0 (Arachidic)			0,48	≤ 0,60

<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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### RESULTS

Determination	Method	Unit	Result	Limit <sup>a</sup>
C20:1 (Eicosenoic)			0,26	≤ 0,50
C22:0 (Behenic)			0,14	≤ 0,20
C22:1 (Erucic) (ω9)			<0,01	-
C24:0 (Lignoceric)			0,05	≤ 0,20
trans C18:1			0,01	≤ 0,05
trans C18:2 + trans C18:3			0,02	≤ 0,05
Sterols	COI/T.20/Doc.no.26/ Rev.5/2020 as in force	mg/kg <sup>r</sup>	1071	≥ 1000
Cholesterol		%	0,2	≤ 0,5
Brassicasterol		%	<0,1	≤ 0,1
24-methylcholesterol		%	0,4	-
Campesterol (Campes.)		%	3,7	≤ 4,0
Campestanol		%	0,1	-
Stigmasterol		%	0,9	< Campes.
d7-campestanol		%	0,0	-
d5,23stigm/dienol		%	0,0	-
Clerosterol		%	1,1	-
B-sitosterol		%	74,6	-
Sitostanol		%	0,3	-
d5-avenasterol		%	17,0	-
d5,24-stigm/dienol		%	0,8	-
d7-stigmastenol		%	0,3	≤ 0,5
d7-avenasterol		%	0,7	-
Erythrodiol		%	3,5	-
Uvaol		%	0,2	-
Erythrodiol+uvaol		%	3,7	≤ 4,5
Total b-sitosterol		%	93,7	≥ 93,0

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Determination	Method	Unit	Result	Limit <sup>a</sup>
Waxes (C42+C44+C46)	COI/T.20/DOC.28/Re v.3/2022 as in force	mg/kg	44	≤ 150

  
Dimitrios Salivaras  
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Laboratory General Manager

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