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Branch Office: George Vasilakis str. 143 and Diomede, 71410 Herakleion, Crete Greece, tel. +30 2810260736 e-mail: labcrete@multichromlab.com

CERTIFICATE OF ANALYSIS no: P-101666

Date of issue: 10/11/2022

CUSTOMER: CHARILAOS GOUNARAS	PHONE : +49176357364
MULTICHROM.LAB CODE No : P-101666	Date of analysis (from): 08/11/2022
COMMODITY ACCORDING TO	(to): 10/11/2022
CUSTOMER: EXTRA VIRGIN OLIVE OIL	SAMPLE CONDITION: NORMAL
RECEIVING DATE: 08/11/2022	SAMPLING BY: CUSTOMER
SEALS: None	
DATA: DORICA	

RESULTS

Determination	Method	Unit	Result	Limit [†]
Free fatty acid content (as oleic acid)	2568/91	%	0,35	≤ 0,80
K Coefficients	2568/91	-	-	-
K268		-	0,116	≤ 0,22
K232		-	1,694	≤ 2,50
DK		-	-0,002	≤ 0,01
Peroxide Value	2568/91	meqO ₂ /kg	5,5	≤20,0
Total Halogenated Volatile Solvents	2568/91 [‡]	mg/kg	<0,01	≤ 0,2
ΔECN42	2568/91	-	0,08	≤ 0,20
Stigmastadienes	COI/T.20/Doc. No 16/Rev. 2 2017 [‡]	mg/kg	0,01	≤ 0,05
Squalene	Internal [‡]	mg/kg	5357	-
Ethylesters of Fatty Acids	COI/T.20/Doc. 28 - 2009	mg/kg	7	≤ 35
Fatty Acid Composition	2568/91	%	-	-
C14:0 (Myristic)			0,01	≤ 0,03
C16:0 (Palmitic)			13,41	7,50-20,00
C16:1 (Palmitoleic)			1,13	0,30-3,50
C17:0 (Heptadecanoic)			0,08	≤ 0,40
C17:1 (Heptadecenoic)			0,14	≤ 0,60
C18:0 (Stearic)			2,37	0,50-5,00
C18:1 (Oleic) (ω9)			69,46	55,00-83,00
C18:2 (Linoleic) (ω6)			11,82	2,50-21,00
C18:3 (Linolenic) (ω3)			0,70	≤ 1,00
C20:0 (Arachidic)			0,40	≤ 0,60
C20:1 (Eicosenoic)			0,30	≤ 0,50
C22:0 (Behenic)			0,12	≤ 0,20
C22:1 (Erucic) (ω9)			<0,01	-

[‡] Method outside the scope of accreditation.

The above results concern only the sample we examined.

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n.d. - not detected.

[†]Limits according to: EU 2568/91 as in force today.



Tests
certification no. 632-5



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RESULTS

Determination	Method	Unit	Result	Limit ^a
C24:0 (Lignoceric)			0,06	≤ 0,20
trans C18:1			0,01	≤ 0,05
trans C18:2 + trans C18:3			0,02	≤ 0,05
Sterols	EU 2568/91	mg/kg	1710	≥ 1000
Cholesterol		%	0,1	≤ 0,5
Brassicasterol		%	<0,1	≤ 0,1
24-methylcholesterol		%	0,1	-
Campesterol (Carnes.)		%	2,4	≤ 4,0
Campestanol		%	0,0	-
Stigmasterol		%	0,5	< Carnes.
d7-campestanol		%	0,0	-
d5,23stigm/dienol		%	0,0	-
Clerosterol		%	1,0	-
B-sitosterol		%	84,3	-
Sitostanol		%	0,2	-
d5-avenasterol		%	8,8	-
d5,24-stigm/dienol		%	1,0	-
d7-stigmastenol		%	0,4	≤ 0,5
d7-avenasterol		%	1,1	-
Erythrodiol		%	1,2	-
Uvaol		%	0,1	-
Erythrodiol+uvaol		%	1,3	≤ 4,5
Total b-sitosterol		%	95,3	≥ 93,0
Waxes (C42+C44+C46)	2568/91	mg/kg	28	≤ 150

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Dimitrios Salivaras
Laboratory Supervisor

Emmanuel Salivaras, M.Sc.
Laboratory General Manager

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