



CERTIFICATE OF ANALYSIS no: 95671

Date of issue: 13/12/2021

CUSTOMER: LOUISA FARMS	PHONE :
MULTICHROM.LAB CODE No : 95671	Date of analysis (from): 26/11/2021
COMMODITY ACCORDING TO	(to): 13/12/2021
CUSTOMER: EXTRA VIRGIN OLIVE OIL	SAMPLE CONDITION: NORMAL
RECEIVING DATE: 26/11/2021	SAMPLING BY: CUSTOMER
SEALS: None	
DATA: THIAKO VARIETY	

RESULTS

Determination	Method	Unit	Result	Limit ¹
Free fatty acid content (as oleic acid)	2568/91	%	0,22	≤ 0,80
K Coefficients	2568/91	-	-	-
K268		-	0,147	≤ 0,22
K232		-	1,849	≤ 2,50
DK		-	-0,003	≤ 0,01
Biophenols (as tyrosol)	COI/T.20/Doc. No 29/ Rev 1 2017 ^a	mg/kg	369	-
Hydroxytyrosol (3,4 DHPEA)			7	-
Tyrosol (p-HPEA)			9	-
Dialdehydic form of Decarboxymethyl Oleuropein aglicon (3,4 DHPEA-EDA or oleacin)			78	-
Dialdehydic form of Decarboxymethyl ligstroside aglicon (p, HPEA-EDA or oleocanthal)			67	-
Lignans			29	-
Oleuropein aglycon (dialdehyde, oxidized and not aldehyde & hydroxylic forms)			47	-
Ligstroside aglycon (dialdehyde, oxidized and not aldehyde & hydroxylic forms)			16	-
Hydroxytyrosol ant its derivatives for health claim Regulation EU 432/2012		mg/20g	4,5	≥ 5
Fatty Acid Composition	2568/91 ^a	%	-	-
C14:0 (Myristic)			0,01	≤ 0,03
C16:0 (Palmitic)			14,2	7,50-20,00
C16:1 (Palmitoleic)			1,25	0,30-3,50
C17:0 (Heptadecanoic)			0,13	≤ 0,40
C17:1 (Heptadecenoic)			0,22	≤ 0,60

^a Method outside the scope of accreditation.

The above results concern only the sample we examined.

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n.d. - not detected.

¹Limits according to: EU 2568/91 as in force today, EU 432/2012 as in force today,



Tests
certification no.632-4

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C18:0 (Stearic)			2,58	0,50-5,00
C18:1 (Oleic) (ω 9)			72,42	55,00-83,00
C18:2 (Linoleic) (ω 6)			7,78	2,50-21,00
C18:3 (Linolenic) (ω 3)			0,57	\leq 1,00
C20:0 (Arachidic)			0,41	\leq 0,60
C20:1 (Eicosenoic)			0,26	\leq 0,50
C22:0 (Behenic)			0,12	\leq 0,20
C22:1 (Erucic) (ω 9)			0,00	-
C24:0 (Lignoceric)			0,05	\leq 0,20
trans C18:1			0,01	\leq 0,05
trans C18:2 + trans C18:3			0,02	\leq 0,05


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