

CERTIFICATE OF ANALYSIS no: P-119351

Date of issue: 17/12/2024

CUSTOMER: LOUISA FARMS	PHONE :
MULTICHROM.LAB CODE No : P-119351	Date of analysis (from): 5/12/2024
COMMODITY ACCORDING TO	(to): 17/12/2024
CUSTOMER: EXTRA VIRGIN OLIVE OIL	SAMPLE CONDITION: NORMAL
RECEIVING DATE: 5/12/2024	SAMPLING BY: CUSTOMER
SEALS: None	
DATA: THIAKO	

RESULTS

Determination	Method	Unit	Result	Limit ^a
Free fatty acid content (as oleic acid)	COI/T.20/DOC. 34/Rev. 1 – 2017	%	0,22	≤ 0,80
K Coefficients	COI/T.20/DOC.19/Re v.5/2019	-	-	-
K268		-	0,176	≤ 0,22
K232		-	1,857	≤ 2,50
DK		-	-0,005	≤ 0,01
Peroxide Value	COI/T.20/DOC.35/Re v.1/2017	meqO ₂ /kg	3,6	≤20,0
Biophenols (as tyrosol)	COI/T.20/Doc. No 29/ Rev 1 2017 ^a	mg/kg	974	-
Hydroxytyrosol (3,4 DHPEA)			3	-
Tyrosol (p-HPEA)			3	-
Dialdehydic form of Decarboxymethyl Oleuropein aglicon (3,4 DHPEA-EDA or oleacin)			302	-
Dialdehydic form of Decarboxymethyl ligstroside aglicon (p, HPEA-EDA or oleocanthal)			132	-
Lignans			47	-
Oleuropein aglycon (dialdehyde, oxidized and not aldehyde & hydroxylic forms)			278	-
Ligstroside aglycon (dialdehyde, oxidized and not aldehyde & hydroxylic forms)			48	-
Hydroxytyrosol ant its derivatives for health claim Regulation EU 432/2012		mg/20g	15,3	≥ 5
Fatty Acid Composition	COI/T.20/DOC. 33/Rev. 1 – 2017	%	-	-
C14:0 (Myristic)			0,01	≤ 0,03
C16:0 (Palmitic)			13,70	7,00-20,00
C16:1 (Palmitoleic)			1,05	0,30-3,50

^a Method outside the scope of accreditation.

The above results concern only the sample we examined.

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n.d. - not detected.

^aLimits according to: EU 2104/2022 as in force today, EU 432/2012 as in force today,

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C17:0 (Heptadecanoic)			0,20	≤ 0,40
C17:1 (Heptadecenoic)			0,30	≤ 0,60
C18:0 (Stearic)			3,02	0,50-5,00
C18:1 (Oleic) (ω9)			71,4	55,00-85,00
C18:2 (Linoleic) (ω6)			8,77	2,50-21,00
C18:3 (Linolenic) (ω3)			0,68	≤ 1,00
C20:0 (Arachidic)			0,44	≤ 0,60
C20:1 (Eicosenoic)			0,26	≤ 0,50
C22:0 (Behenic)			0,12	≤ 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


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