

Protocol: 243-3757 / Certificate N. 0241

Issue Date: 31/01/2018

Client:	EVELYNE MAAGER
Date of Receipt	25/01/2018
Date of Analysis	31/01/2018
Sample Code:	0397
Sample ID stated by the customer:	Extra Virgin Olive Oil
Sample Description / Packaging / Packing information:	Dark glass bottle of 200ml
Sample Condition:	Accepted (Good)
Sampling	From the Client

The Chemist

The Qc Manager





Dr. Vassiliki Skiada

Panagiotis Katsaris

Sample Code:	0397
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Parameter / Units	Method	Result	Limit (of the EVOO category)
Acidity (gr oleic acid / 100gr)	Reg.(E.E.C) No 2568/91, Annex II	0,34	(max 0,8)
Peroxide Index (meqO ₂ /Kg)	Reg.(E.E.C) No 2568/91, Annex III	11,00	(max 20)
K ₂₃₂ :	Reg.(E.E.C) No 2568/91, Annex IX	1,78	(max 2,50)
K ₂₃₃ :	Reg.(E.E.C) No 2568/91, Annex IX	0,15	(max 0,22)
ΔK:	Reg.(E.E.C) No 2568/91, Annex IX	-0,003	(max 0,01)
Total phenols	Folin-Ciocalteau	258,4	

Parameter / Units	Method	Result	Limit (of the EVOO category)
Total Tocopherol / (mg/kg)	ISO 9936/2006	223,0	
a-tocopherol / (mg/kg)	ISO 9936/2006	211,5	
b-tocopherol / (mg/kg)	ISO 9936/2006	5,0	
γ-tocopherol / (mg/kg)	ISO 9936/2006	6,5	
δ-tocopherol / (mg/kg)	ISO 9936/2006	0,0	

(%) FAMES (Reg.(E.E.C) No 2568/91, Annex XA,XB)		
Fatty Acid Composition (%)	Result	Limit (of the EVOO category)
MYRISTIC (C14:0):	0,01	(max 0,03)
PALMITIC (C16:0):	12,44	
PALMITOLEIC (C16:1):	0,80	
HEPTADECANOIC (C17:0):	0,04	
HEPTADECENOIC (C17:1):	0,06	
STEATIC (C18:0):	2,95	
OLEIC (C18:1):	74,73	
LINOLEIC (C18:2):	7,34	
LINOLENIC (C18:3):	0,61	(max 1,0)
ARACHIDIC (C20:0):	0,48	(max 0,6)
EICOSENOIC (C20:1):	0,28	(max 0,5)
BEXENIC (C22:0):	0,13	(max 0,2)
LIGNOCERIC (C24:0):	0,05	(max 0,2)
Total trans oleic isomers		
C18:1 trans:	0,01	(max 0,05)
Total trans linoleic +trans linolenic isomers		
C18:2+C18:3 trans:	0,01	(max 0,05)

(%) STEROLS (Reg.(E.E.C) No 2568/91, Annex V)		
Sterols Composition	Result	Limit
CHOLESTEROL:	0,09	(max 0,5)
BRASSICASTEROL:	0,00	(max 0,1)
24-METHYL/CHOLESTEROL:	0,43	
CAMPESTEROL:	2,75	(max 4,0)
CAMPESTANOL:	0,05	
STIGMASTEROL:	0,46	< Camp.
Δ7-CAMPESTENOL:	0,00	
Δ7-STIGMASTENOL:	0,14	(max 0,5)
Δ7-AVENASTEROL:	0,53	
ERYTHRODIOL& UVAOL:	2,03	(max 4,5)
TOTAL B-SITOSTEROL:	95,57	(min 93,0)
TOTAL STEROLS mg/Kg:	1233	(min 1000)

(Reg.(E.E.C) No 2568/91, Annex IV)		
Parameter/Units	Results	Limit
WAXES mg/ kgr (C42-C46):	39,5	(max 150)

REPORT END