



Ινστιτούτο Ελαίας & Οπωροκηπευτικών Καλαμάτας-Εργαστήριο Ποιοτικού Ελέγχου Ελαιολάδου
CERTIFICATE OF ANALYSIS

Prot. Number.....558..... / Cert. Number.....0021.....

Issue Date: 21 / 11 / 2014

SAMPLE CODE: 0074	CLIENT (Name/ Address): Evelyn Maager
DATE OF RECEIPT: 21/11/2014	DATE OF ANALYSIS: 21/11/2014
DECLARED CATEGORY: OLIVE OIL	SAMPLING: FROM THE CLIENT
SAMPLE CONDITION: GOOD	

Parameter / Units	Method	Result	Limit (of the declared category)
Acidity (gr oleic acid / 100ml)	Reg.(E.E.C) No 2568/91, Annex II	0,63	(max 0,8)
Peroxide Index (meqO ₂ /Kg)	Reg.(E.E.C) No 2568/91, Annex III	11,10	(max 20)
K ₂₃₂ :	Reg.(E.E.C) No 2568/91, Annex IX	1,741	(max 2,50)
K ₂₃₈ :	Reg.(E.E.C) No 2568/91, Annex IX	0,139	(max 0,22)
ΔK:	Reg.(E.E.C) No 2568/91, Annex IX	- 0,003	(max 0,01)
Moisture (%)	ISO 8354:2008		(max 20)

(%) FAMES (Reg.(E.E.C) No 2568/91, Annex XA, XB)		
Fatty Acid Composition	Result	Limit (of the declared category)
MYRISTIC (C14:0):		(max 0,05)
PALMITIC (C16:0):		
PALMITOLEIC (C16:1):		
HEPTADECANOIC (C17:0):		
HEPTADECENOIC (C17:1):		
STEARIC (C18:0):		
OLEIC (C18:1):		
LINOLEIC (C18:2):		
LINOLENIC (C18:3):		(max 1,0)
ARACHIDIC (C20:0):		(max 0,6)
EICOSENOIC (C20:1):		(max 0,4)
BEXENIC (C22:0):		(max 0,2)
LIGNOCERIC (C24:0):		(max 0,2)
C18:1 trans:		(max 0,05)
C18:2+C18:3 trans:		(max 0,05)

(%) STEROLS (Reg.(E.E.C) No 2568/91, Annex V)		
Sterols Composition	Result	Limit (of the declared category)
CHOLESTEROL:		(max 0,5)
BRASSICASTEROL:		(max 0,1)
24-METHYLEN-CHOLESTEROL:		
CAMPESTEROL:		(max 4,0)
CAMPESTANOL:		
STIGMASTEROL:		
Δ7-CAMPESTENOL:		
Δ5,23-STIGMASTADIENOL:		
CLEROSTEROL:		
B-SITOSTEROL:		
SITOSTANOL:		
Δ5-AVENASTEROL:		
Δ5,24-STIGMASTADIENOL:		
Δ7-STIGMASTENOL:		(max 0,5)
Δ7-AVENASTEROL:		
ERYTHRODIOL& UVAOL:		(max 4,5)
TOTAL B-SITOSTEROL:		(min 93,0)
TOTAL STEROLS mg/Kg:		

(Reg.(E.E.C) No 2568/91, Annex XVIII)		
Parameter/Units	Results	Limit (of the declared category)
ΔFCN42:		(max 0,2)

(Reg.(E.E.C) No 2568/91, Annex IV)		
Parameter/Units	Results	Limit (of the declared category)
WAXES mg/kg (C42-C46):		(max 150)

In house Method		
Parameter/Units	Results	Limit (of the declared category)
Fe (mg/Kgr):		(max 5,0)
Cu (mg/Kgr)		(max 0,1)

Halogenated Solvents (Reg.(E.E.C) No 2568/91, Annex XI)		
Parameter/Units	Results	Limit (of the declared category)
Freon: (mg/Kgr):		(max 0,1)
CCl4: (mg/Kgr)		(max 0,1)
Trichloroethylene: (mg/Kgr)		(max 0,1)
Tetrachloroethene: (mg/Kgr)		(max 0,1)

The Technical Manager

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The Lab Director

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REPORT END

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Note: The results of this chemical analysis are relating only to the sample submitted for analysis. Any modification or partial reproduction of the report is not permitted without the approval of the laboratory.

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