



Papulia-pilos-messinia-GREECE 24001

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### CERTIFICATE OF ANALYSIS

LOT NUMBER : 170220-1

CUSTOMER:PRASINO OLIVENOLE

DATE OF ANALYSIS:04/02/2020

DECLARED OIL TYPE:EXTRA VIRGIN OLIVE OIL , FILTERED

SAMPLE DATA :CROP: 2019-2020

SAMPLE DESCRIPTION: 250 ml OF SAMPLE IN A DARK GLASS BOTTLE

ACIDITY %	0.40 (max 0.8)
PEROXIDE VALUE(meqO2/kg)	18.75 ( max 20.0)

K <sub>270</sub>	0.14 (max 0.220)
K <sub>232</sub>	1.56 (max 2.500)
ΔK	-0.002 (< 0.010)

<u>FATTY ACIDS (%)</u>	
MYRISTIC	0.02 (max 0.03)
PALMITIC	11.70
PALMITOLEIC	0.89
HEPTADECANOIC	0.12
HEPTADECENOIC	0.07
STEARIC	2.72
OLEIC	77.18
LINOLEIC	5.62
LINOLENIC	0.70 (max 1.00)
EICOSANOIC	0.45 (max 0.60)
EICOSENOIC	0.30 (max 0.40)
BEHENIC	0.16 (max 0.20)
ERUCIC	0.00
LIGNOCERIC	0,05 (max 0.20)
C18:1 TRANS	0.02 (max0.005)
C18:2+C18:3 TRANS	0.00 (max 0.005)

# KANAKIS

olive oil

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STEROLS (%)	
CHOLESTEROL	0.2 (max 0.50)
BRASICASTEROL	<0.1 (< 0.1)
24-METHYLCHOLESTEROL	0.3
CAMPESTEROL	3.6 (max 4.00)
CAMPESTANOL	0.0
STIGMASTEROL	0.8 (<Campesterol)
$\Delta$ 7-CAMPESTANOL	0.00
$\Delta$ 5,23-STIGMASTADIENOL	0.00
CLEROSTEROL	0.9
B-SITOSTEROL	77.8
SITOSTANOL	0.4
$\Delta$ 5-AVENASTEROL	14.5
$\Delta$ 5,24-STIGMASTADIENOL	0.8
$\Delta$ 7-STIGMASTENOL	0.2 (max 0.50)
$\Delta$ 7-AVENASTEROL	0.4
TOTAL ERYTHRDIOL	2.4 (max 4.50)
TOTAL B-SITOSTEROL	94.5 (min 93.0)
STEROLS mg/kg	1081 (min 1000)

**RESULTS:** BASED ON THE DETERMINED PARAMETERS,THE PRESENT SAMPLE OF OLIVE OIL MEET THE SPECIFICATIONS OF EXTRA VIRGIN OLIVE OIL,ACCORDING TO EUROPEAN REGULATION 2568/91 AND FOLLOWING AMENDMENTS.

**METHODOLOGY:** EUROPEAN UNION REG. 2568/91 AND FOLLOWING AMENDMENTS.

CHEMICAL DEPARTMENT

