



Cert. No: DE-312332 QM

BLÄUEL

GREEK ORGANIC PRODUCTS

Mani[®] OLIVE OIL



Φρίντριχ Μπλάουελ, Πύργος-Λεύκτρου, 24024 Μεσσηνία, τηλ. +30-27210-77711

**Certificate of analysis No ML-67325 , extra virgin olive Organic
Pyrgos 2.3.2018**

<u>Determination</u>	<u>Result</u>	<u>Limit-Units</u>
Acidity FFA%	0.32	max0.8%
Moisture	<0.1	%
Peroxid Value	6,8	max20 meq/Kg
Absorbance in UV		
K 232 nm	1,628	max2.50
K 270 nm	0.159	max0.22
DK	<0.006	max0.1
Fatty Acids		
C14:0=Myristinacid	0.01	max0.05%
C16:0=Palmitinacid	11,46	(7.5-20)%
C18:0=Stearinsacid	2.46	(0.5-5)%
C18:1=Oleicacid (W9+W7)	77,54	(55-83)%
C18:2=Linolacid	5,78	(3.5-21)%
C18:3=Linolenacid	0.72	max1,0%
C20:0=Arachinacid	0.46	max0.6%
C20:1=Eicosenacid	0.33	max0.4%
C22:0=Behenacid	0.16	max0.2%
C24:0=Lignoserinacid	0.06	max0.2%
Trans C18:1	0.02	max0.05%
Trans C18:2 C18:3	0.01	max0.05%
Sterols		
Cholesterol	0.2	max0.5%
Brassicasterol	<0,1	max0.1%
Campesterol	3.8	max4.0%
Stigmasterol	0.6	<Camp.
B-Sitosterol total	94,3	min93%
D7, Stigmasterol	0.2	max0.5%
Erythodiol+Uvaol	4,1	max4.5%
Total Sterols	11391	min1000mg/kg
ΔE CN42	0.1	max0.2
Hydrocarb. (Stigmastadienes)	0.01	0.15mg/kg
FAME	7	mg/kg
Polyphenols HPLC	270	mg/kg
Dag`s	71	%
Waxes	12	mg/kg

Mavroidis Nikolaos
Chemiker Production Qualitat