



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-73991 , extra virgin olive Organic
Pyrgos 27.2.2019**

<u>Determination</u>	<u>Result</u>	<u>Limit-Units</u>
Acidity FFA%	0.43	max0.8%
Moisture	<0.1	%
Peroxid Value	5,6	max20 meq/Kg
Absorbance in UV		
K 232 nm	1,812	max2.50
K 270 nm	0.137	max0.22
DK	<0.003	max0.1
Fatty Acids		
C14:0=Myristinacid	0.01	max0.05%
C16:0=Palmitinacid	12.09	(7.5-20)%
C18:0=Stearinsacid	2.83	(0.5-5)%
C18:1=Oleicacid (W9+W7)	74,95	(55-83)%
C18:2=Linolacid	7.35	(3.5-21)%
C18:3=Linolenacid	0.76	max1,0%
C20:0=Arachinacid	0.48	max0.6%
C20:1=Eicosenacid	0.30	max0.4%
C22:0=Behenacid	0.16	max0.2%
C24:0=Lignoserinacid	0.06	max0.2%
Trans C18:1	0.01	max0.05%
Trans C18:2 C18:3	0.02	max0.05%
Sterols		
Cholesterol	0.2	max0.5%
Brassicasterol	<0,1	max0.1%
Campesterol	3.5	max4.0%
Stigmasterol	0.6	<Camp.
B-Sitosterol total	94,3	min93%
D7, Stigmasterol	0.2	max0.5%
Erythodiol+Uvaol	3,1	max4.5%
Total Sterols	1303	min1000mg/kg
ΔE CN42	0.1	max0.2
Hydrocarb. (Stigmastadienes)	0.01	0.15mg/kg
FAME	17	mg/kg
Polyphenols HPLC	250	mg/kg
Dag`s	82	%
Waxes	36	mg/kg

Mavroidis Nikolaos
Chemiker Production Qualitat