



The Soap Kitchen
Unit E Swinton Bridge Industrial Estate
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CERTIFICATE OF ANALYSIS

PRODUCT NAME: Olive Oil, Extra Virgin, Unrefined, Organic

Quantity:	2 x 25 kilos	Batch No:	KMO2574
Date:	15.06.2023	Code No:	OIL014
Supplier Ref:	01377100		

TLC (Identification): Green/yellow transparent liquid, when cooled becomes solid below 0°C.
Characteristic of Olive Oil in aroma, appearance and taste.

Solubility: Practically insoluble in ethanol, miscible with chloroform & petroleum spirit.

TEST	SPECIFICATION	ANALYSIS
Acid Value	3.0 maximum	0.18
Unsaponifiable Matter	1.5% maximum	1.12
Peroxide Value	20.0 maximum	5.5
Specific Gravity	0.910 – 0.920	0.912
Saponification value	185.0 – 200.0	186.8
Free Fatty Acid	1.5 maximum	0.09

FATTY ACID COMPOSITION (%)		
C16:0 Palmitic	7 – 12	10.1
C16:1 Palmitoleic	<3.0	0.6
C18:0 Stearic	5.0 maximum	3.1
C18:1 Oleic	55 – 85	79.7
C18:2 Linoleic	5.0 - 21	5.3
C18:3 Alpha Linolenic	1.0 maximum	0.7
C20:0 Icosanoic	0.5 maximum	0.3
C22:0 Behenic	0.5 maximum	0.1
C24:0 Lignoceric	0.2 maximum	0.1

Date of Packing: June 2023
Date of Re-test: June 2025