



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

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

Customer:	The Soap Kitchen Ltd	Order No:	PO197954
Quantity:	3 x 25 kilos	Batch No:	KMO694
Date:	13.02.2023	Code No:	OIL014
Supplier Ref:	0137710		

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	0.15
Unsaponifiable Matter	1.5% maximum	1.1
Peroxide Value	20.0 maximum	5.4
Specific Gravity	0.910 - 0.920	0.912
Saponification value	185.0 - 200.0	186.4
Free Fatty Acid	1.5 maximum	0.075

FATTY ACID COMPOSITION (%)		
C16:0 Palmitic	7.0 - 12.0	9.8
C16:1 Palmitoleic	<3.0	0.8
C18:0 Stearic	5.0 maximum	3.5
C18:1 Oleic	55.0 - 85.0	77.9
C18:2 Linoleic	5.0 – 21.0	5.0
C18:3 Alpha Linolenic	1.0 maximum	0.6
C20:0 Arachidic	0.5 maximum	0.4
C22:0 Behenic	1.0 maximum	0.3
C24:0 Lignoceric	0.2 maximum	0.1

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