



The Soap Kitchen
Unit E Swinton Bridge Industrial Estate
Whitelee Road
Swinton
South Yorkshire
S64 8BH
Telephone : 01237 420 872
enquiries@thesoapkitchen.co.uk

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Rapeseed Oil

Customer:	The Soap Kitchen	Order No:	PO#479098
Quantity:	1 x 25 kilos	Batch No:	KMO3301
Date:	31.07.2023	Code No:	OIL007
Supplier Ref:	ML1978		

Appearance: A clear yellow viscous oil
Odour: Odourless

TEST	SPECIFICATION	ANALYSIS
Colour Lovibond 5.25" Y	-	5.0
Colour Lovibond 5.25" R	2.0 maximum	1.0
Relative Density at 15.5	0.914 – 0.920	0.919
Refractive index @20	1.465 – 1.476	1.466
FFA %	0.1 maximum	0.04
Iodine Value	105 – 125	113.5
Peroxide Value, meq/kg	1 maximum	0.2

FATTY ACID PROFILE (%)	SPECIFICATION	ANALYSIS
C16:0 Palmitic Acid	2.5 - 7.0	4.4
C18:0 Stearic Acid	0.8 - 3.0	1.5
C18:1 Oleic Acid	51.0 - 70.0	60.9
C18:2 Linoleic Acid	15.0 - 30.0	19.5
C18:3 Linolenic Acid	5.0 - 14.0	9.1
C22:1 Erucic Acid	2.0 maximum	0.6

Date of Packing: July 2023
Date of Expiry: July 2025