



CERTIFICATE OF ANALYSIS
SOYA OIL REFINED (GM)

Customer:	The Soap Kitchen	Order No:	184307
Quantity:	2 x 25 kilos	Lot No:	KMO3450
Date:	06.09.2022	Code No:	OIL065
Batch No:	ML1788		

Appearance: A clear bright, pale yellow liquid

Odour/Flavour: Bland or faintly typical, but free from rancid or foreign flavours/odours

TEST	SPECIFICATION	ANALYSIS
Free Fatty Acid Content (%)	0.1 maximum	0.02
Peroxide Value (meq O ₂ /kg)	1.0 maximum	0.1
Iodine Value	124.0 – 139.0	132.1
Colour (Lovibond 5½")	2.0 Red maximum	0.3
Saponification Value	185.0 – 196.0	191.6
Refractive Index @ 20°C	1.473 typical	1.4741
Relative Density @ 20°C	0.919 – 0.925	Complies
Moisture (%)	0.1 maximum	Complies

FATTY ACID PROFILE (%)	SPECIFICATION	ANALYSIS
C16:0 Palmitic	8.0 – 13.5	10.6
C18:0 Stearic	2.0 – 5.4	4.0
C18:1 Oleic	17.0 – 30.0	24.8
C18:2 Linoleic	48.0 – 59.0	51.7
C18:3 Alpha Linolenic	4.5 – 11.0	6.9
C20:0 Icosanoic	1.0 maximum	0.3
C20:1 Icosenoic	1.0 maximum	0.3

***Product may contain Genetically Modified Organisms**

Date of Packing: June 2022

Date of Retest: June 2023