



CERTIFICATE OF ANALYSIS
RICE BRAN OIL

Customer:	The Soap Kitchen	Order No:	178313
Quantity:	2 x 25 kilos	Batch No:	KMO2297
Date:	30.05.2022	Code No:	OIL001
Supplier Ref:	09507/21		

Description: A clear yellowish liquid.
Odour: Characteristic.

TEST	SPECIFICATION	ANALYSIS
Acid Value (mg KOH/g)	1.0 maximum	0.10
Peroxide Value (meqO ₂ /kg)	8.0 maximum	1.0
Iodine Value (gl ₂ /100g)	98 - 108	108
Relative Density @ 20°C	0.910 – 0.920	0.914
Refractive Index @ 20°C	1.470 – 1.473	1.472
Saponification Value	180 - 192	185
Colour (Lovibond 5.25" cell)	30.0 Yellow maximum	21
	2.3 Red maximum	1.4

FATTY ACID PROFILE (%)		
C16:0 Palmitic	12.0 – 18.0	13.5
C16:1 Palmitoleic	0.5 maximum	0.1
C18:0 Stearic	0.5 – 4.0	3.1
C18:1 Oleic	35.0 – 50.0	45.2
C18:2 Linoleic	29.0 – 45.0	35.7
C18:3 Alpha Linolenic	3.0 maximum	0.9
C20:0 Arachidic	1.2 maximum	0.3
C20:1 Eicosenoic	1.0 maximum	0.2
C22:0 Behenic	0.5 maximum	0.4
C24:0 Lignoceric	0.4 maximum	0.1

Date of Packing: May 2022
Date of Expiry: May 2024

This COA is produced electronically therefore no signature is required.