



CERTIFICATE OF ANALYSIS
RICE BRAN OIL

Customer:	The Soap Kitchen	Order No:	-
Quantity:	2 x 25 litre drums	Batch No:	KMO2643
Date:	22.04.2020	Code No:	-
Supplier Ref:	1428/19		

Description: A clear yellowish liquid.
Odour: Characteristic.

TEST	SPECIFICATION	ANALYSIS
Acid Value (mg KOH/g)	1.0 maximum	0.1
Peroxide Value (meqO ₂ /kg)	8.0 maximum	0.7
Iodine Value (gI ₂ /100g)	98 - 108	107
Relative Density @ 20°C	0.910 – 0.920	0.913
Refractive Index @ 20°C	1.470 – 1.473	1.472
Saponification Value	180 - 192	191
Colour (Lovibond 5.25" cell)	30.0 Yellow maximum	27
	2.3 Red maximum	2.1

FATTY ACID PROFILE (%)		
C16:0 Palmitic	12.0 – 18.0	15.5
C16:1 Palmitoleic	0.5 maximum	0.1
C18:0 Stearic	0.5 – 4.0	2.4
C18:1 Oleic	35.0 – 50.0	43.9
C18:2 Linoleic	29.0 – 45.0	35.1
C18:3 Alpha Linolenic	3.0 maximum	1.3
C20:0 Arachidic	1.2 maximum	0.4
C20:1 Eicosenoic	1.0 maximum	0.4
C22:0 Behenic	0.5 maximum	0.2
C24:0 Lignoceric	0.4 maximum	0.2

Date of Packing: April 2020
Date of Expiry: April 2022

This COA is produced electronically therefore no signature is required.