



The Soap Kitchen (2011) Ltd  
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**CERTIFICATE OF ANALYSIS**  
**RICE BRAN OIL**

Customer:		Order No:	-
Quantity:	3 x 25 Kilo drums	Batch No:	KMO5295
Date:	12.08.2020	Code No:	-
Supplier Ref:	08706/20		

**Description:** A clear yellowish liquid.  
**Odour:** Characteristic.

TEST	SPECIFICATION	ANALYSIS
Acid Value (mg KOH/g)	1.0 maximum	0.1
Peroxide Value (meqO <sub>2</sub> /kg)	8.0 maximum	1.2
Iodine Value (gI <sub>2</sub> /100g)	98 - 108	107
Relative Density @ 20°C	0.910 – 0.920	0.915
Refractive Index @ 20°C	1.470 – 1.473	1.471
Saponification Value	180 - 192	187.0
Colour (Lovibond 5.25" cell)	30.0 Yellow maximum	27
	2.3 Red maximum	2.3

FATTY ACID PROFILE (%)		
C16:0 Palmitic	12.0 – 18.0	16.0
C16:1 Palmitoleic	0.5 maximum	0.1
C18:0 Stearic	0.5 – 4.0	2.4
C18:1 Oleic	35.0 – 50.0	43.1
C18:2 Linoleic	29.0 – 45.0	35.6
C18:3 Alpha Linolenic	3.0 maximum	1.3
C20:0 Arachidic	1.2 maximum	0.4
C20:1 Eicosenoic	1.0 maximum	0.3
C22:0 Behenic	0.5 maximum	0.2
C24:0 Lignoceric	0.4 maximum	0.2

**Date of Packing:** August 2020  
**Date of Expiry:** August 2022

This COA is produced electronically therefore no signature is required.