



CERTIFICATE OF ANALYSIS
RICE BRAN OIL

Customer:	The Soap Kitchen	Order No:	-
Quantity:	4 x 25 litre drums	Batch No:	KMO4390
Date:	15.04.2016	Code No:	-
Supplier Ref:	-		

Description: A clear yellowish liquid.
Odour: Characteristic.

TEST	SPECIFICATION	ANALYSIS
Acid Value (mg KOH/g)	2.0 maximum	0.1
Peroxide Value (meqO ₂ /kg)	8.0 maximum	0.9
Iodine Value (gI ₂ /100g)	98 - 108	105
Relative Density @ 20°C	0.910 – 0.920	0.915
Refractive Index @ 20°C	1.470 – 1.473	1.471
Saponification Value	180 - 192	189
Colour (Lovibond 5.25" cell)	30.0 Yellow maximum	25.0
	2.3 Red maximum	1.7

FATTY ACID PROFILE (%)		
C16:0 Palmitic	12.0 – 18.0	16.5
C16:1 Palmitoleic	0.5 maximum	0.1
C18:0 Stearic	0.5 – 4.0	2.4
C18:1 Oleic	35.0 – 50.0	45.1
C18:2 Linoleic	29.0 – 45.0	33.3
C18:3 Alpha Linolenic	3.0 maximum	1.0
C20:0 Arachidic	1.2 maximum	0.3
C20:1 Eicosenoic	1.0 maximum	0.5
C22:0 Behenic	0.5 maximum	0.2
C24:0 Lignoceric	0.38 maximum	0.1

Date of Manufacture: August 2016
Date of Expiry: August 2019

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