



CERTIFICATE OF ANALYSIS
BORAGE OIL

Customer:	The Soap Kitchen	Order No:	-
Quantity:	1 x 25 Litres	Batch No:	KMO2595
Date:	26.04.2018	Code No:	-
Supplier Ref:	S11-1216		

Appearance @ 20°C: Clear oily liquid pale yellowish

Odour: Characteristic

TEST	SPECIFICATION	ANALYSIS
Relative Density @ 20°C (g/ml)	0.910 – 0.930	0.919
Refractive Index @ 20°C	1.470 – 1.480	1.476
Acid value (mgKOH/g)	≤ 1.0	0.12
Iodine value (mg/g)	130.0 – 150.0	141.5
Saponification value (mgKOH/g)	185 – 195	186.8
Peroxide value (Meq/kg)	≤ 3.0	0.5

FATTY ACID PROFILE (%)		
C16:0 Palmitic Acid	9 – 12	10
C18:0 Stearic Acid	3 – 5.5	4.8
C18:1 Oleic Acid	15 – 20	18.6
C18:2 Linoleic Acid	35 – 39	36.7
C18:3 Gamma Linolenic	> 20.0	20.0
C18:3 Alpha Linolenic Acid	≤ 0.5	0.3
C20:1 Eicosenoic Acid	1.0 – 5.0	Complies
C22:1 Docosenoic Acid	2.4 – 2.7	2.5

Date of Manufacture: March 2018

Date of Expiry: March 2020

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