



CERTIFICATE OF ANALYSIS
BORAGE OIL

Customer:	The Soap Kitchen	Order No:	-
Quantity:	1 x 25 Litres	Batch No:	KMO759
Date:	31.01.2019	Code No:	-
Supplier Ref:	29653-01		

Appearance @ 20°C: Clear oily liquid pale yellowish

Odour: Characteristic

TEST	SPECIFICATION	ANALYSIS
Relative Density @ 20°C (g/ml)	0.910 – 0.930	0.922
Refractive Index @ 20°C	1.470 – 1.480	1.475
Acid value (mgKOH/g)	≤ 1.0	0.12
Iodine value (mg/g)	130.0 – 150.0	139
Saponification value (mgKOH/g)	185 – 195	193
Peroxide value (Meq/kg)	≤ 10.0	1.12

FATTY ACID PROFILE (%)		
C16:0 Palmitic Acid	5 – 13	9.9
C18:0 Stearic Acid	1 – 6	4.9
C18:1 Oleic Acid	15 – 20	18.7
C18:2 Linoleic Acid	35 – 39	36.4
C18:3 Gamma Linolenic	> 20.0	20.5
C18:3 Alpha Linolenic Acid	≤ 0.5	0.2
C20:1 Eicosenoic Acid	1.0 – 5.0	4.10
C22:1 Docosenoic Acid	2.4 – 2.7	2.6

Date of Manufacture: June 2018

Date of Expiry: June 2020

The Soap Kitchen
Unit 8 Caddstown Industrial Park, Clovelly Road, Bideford,
Devon EX39 3DX
Tel: 01237 420872 (+44 (0)1237 420872)
Email: it@thesoapkitchen.co.uk