

**The Soap Kitchen (2011) Ltd**

Unit 8, Caddsdow Industrial Park,  
Clovelly Road, Bideford, Devon,  
EX39 3DX, United Kingdom

Email: [enquiries@thesoapkitchen.co.uk](mailto:enquiries@thesoapkitchen.co.uk)  
Call: +44 (0) 1237 420 872

**CERTIFICATE OF ANALYSIS**  
**BORAGE OIL**

Customer:		Order No:	103524
Quantity:	1 x 25 kilos	Batch No:	KMO6472
Date:	01.10.2020	Code No:	OIL046
Supplier Ref:	29653		

**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	0.15
Iodine value (mg/g)	130.0 – 150.0	139.4
Saponification value (mg/KOH/g)	185 – 195	193.5
Peroxide value (Meq/kg)	≤ 10.0	1.93

FATTY ACID PROFILE (%)		
C16:0 Palmitic Acid	5 – 13	10.2
C18:0 Stearic Acid	1 – 6	4.5
C18:1 Oleic Acid	15 – 20	18.5
C18:2 Linoleic Acid	35 – 39	36.6
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	4.2
C22:1 Docosenoic Acid	2.4 – 2.7	2.6

**Date of Packing:** August 2020

**Date of Expiry:** August 2022

This COA is produced electronically therefore no signature is required.