

William Hodgson & Co

----- Established 1894 -----

Specification Sheet

Product Name:	Borage Oil
Company Name:	William Hodgson & Company 'The Dairy', Gawsworth Business Court, Shelow Lane, North Rode, Congleton, Cheshire. CW12 2FQ
Telephone Number:	01260 222 943
Fax Number:	01260 222 994
Mobile Number:	07795 414 061
E-Mail Address:	whodgson@btconnect.com
Web Address:	www.naturaloilsuk.com

Analytical details:	
Appearance:	Clear, yellow liquid @ 20°C
Odour:	Free from rancid or off odours
Solubility:	Non-miscible with water
Free Fatty Acid (As Oleic):	1.0 maximum
Peroxide Value meq/kg:	5.0 maximum
Unsaponifiable Matter:	2.5 maximum
Saponification Value:	186 - 198
Refractive Index @ 20°C:	1.470 – 1.490
Iodine Value:	140 - 155
Colour Lovibond 5.25" cell:	1.5 Red maximum
Specific Gravity @ 20°C:	0.915 – 0.935
Moisture Content %:	0.1 maximum



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Product Name:	Borage Oil
Fatty Acid Composition:	
C16:0 Palmitic Acid	: 9.5 – 12.5%
C16:1 Palmitoleic Acid	: 0.3 – 0.5%
C18:0 Stearic Acid	: 3 – 5%
C18:1 Oleic Acid	: 15 – 20%
C18:2 Linoleic Acid	: 34 – 40%
C18:3 Alpha Linolenic Acid	: 0.4% maximum
C18:3 Gamma Linolenic Acid	: 20.0% minimum
C20:0 Arachidic Acid	: 0.5% maximum
C20:1 Eicosenoic Acid	: 2.0 – 5.5%
C22:0 Behenic Acid	: 2.0 – 3.5%
C22:1 Erucic Acid	: 1 – 3.5%
C24:0 Lignoceric Acid	: 1.0 – 2.0%
C24:1 Nervonic Acid	: 0.5 – 3.5%

Disclaimer:

The information contained herein is accurate to the best of our knowledge.

No liability can be accepted, arising out of the use application or processing of this material.

It is the Users responsibility to determine safe conditions for the use of this product.

