

William Hodgson & Co

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

Specification Sheet

Product Name:	R.D Groundnut Oil
Company Name:	William Hodgson & Company 'The Dairy', Gawsworth Business Court, Shellow Lane, North Rode, Congleton, Cheshire. CW12 2FQ
Telephone Number:	01260 222 943
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Mobile Number:	07795 414 061
E-Mail Address:	whodgson@btconnect.com
Web Address:	www.naturaloilsuk.com
Description:	Produced by the refining, bleaching and deodorising of the crude oil, obtained from the shelled seeds of <i>Arachis Hypogaea</i> . Solidifies at 2°C.

Analytical details:	
Appearance:	Clear, bright, pale yellow viscous liquid.
Solubility:	Very slightly soluble in alcohol, miscible with Light petroleum.
Identification:	Positive
Acid Value:	0.5 maximum
Free Fatty Acid Value:	0.25 maximum
Peroxide Value meq/kg:	5.0 maximum
Relative Density:	0.912 – 0.918
Unsaponifiable Matter:	1.0% maximum
Saponification Value:	186 - 196
Refractive Index @ 40°C:	1.4625 – 1.4650
Iodine Value:	80 - 107



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Analytical Details continued:

Colour Lovibond 5.25" cell:	25 Yellow maximum 2.0 Red maximum
Water:	0.3% maximum
Semi-drying oil test:	36° minimum
Alkaline Impurities:	Complies with test
Absence of Cotton, Sesame, Apricot & Peach Kernel oils:	Complies with test

Fatty Acid Composition:

Saturated Fatty Acids less than C16	:	0.4% maximum
C16:0 Palmitic Acid	:	7 - 16
C18:0 Stearic Acid	:	1.3 - 6.5
C20:0 Arachidic Acid	:	0.5 - 3
C22:0 Behenic Acid	:	1 - 5
C24:0 Lignoceric Acid	:	0.5 - 3
Typical Total Saturates	:	17
C18:1 Oleic Acid	:	35 - 72
C20:1 Eicosenoic Acid	:	0.5 - 2.1
C22:1 Erucic Acid	:	0.5% maximum
Typical Total Monounsaturates	:	63
C18:2 Linoleic Acid	:	13 - 43
Typical Total Polyunsaturates	:	20
C18:3 Linolenic Acid	:	0.6% maximum
Ratio of Linoleic Acid to Behenic Acid	:	15 maximum

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.

