



NHR ORGANIC OILS  
24 CHATHAM PLACE, BRIGHTON, BN1 3TN, UK  
+44 (0)1273 746505 [info@nhrorganic oils.com](mailto:info@nhrorganic oils.com) [www.nhrorganic oils.com](http://www.nhrorganic oils.com)

## Certificate of Analysis Sheet Organic Walnut Oil (*Juglans regia*)

BATCH NUMBER: 181022-3
PRODUCT INCI: JUGLANS REGIA SEED OIL
CAS NUMBER: 8024-09-7 / 84012-43-1
EINECS NUMBER: 281-688-1
MANUFACTURING METHOD: COLD PRESSED

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	YELLOW	-
REFRACTIVE INDEX @ 20°C	1.460 – 1.478	1.468
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930	0.921
FREE FATTY ACIDS (% AS OLEIC)	<2.0	1.65
ACID VALUE	<5.0	3.3
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	3.4

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 10.0	6.5
C18:0	STEARIC	1.0 - 5.0	2.9
C18:1	OLEIC	13.0 – 26.0	18.4
C18:2	LINOLEIC	40.0 – 65.0	53.5
C18:3	LINOLENIC	10.0 - 22.0	18.3

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