



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

Certificate of Analysis Sheet
Organic Flax Seed
(Linum usitatissimum)

BATCH NUMBER: 230223-1
PRODUCT INCI: LINUM USITATISSIMUM SEED OIL
ORIGIN: EU
CAS NUMBER: 8001-26-1
EINECS NUMBER: 232-278-6
MANUFACTURING METHOD: COLD PRESSED

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	
ODOUR	CHARACTERISTIC	
COLOUR	YELLOW – GOLDEN – LIGHT BROWN	
REFRACTIVE INDEX @ 20°C	1.470 – 1.485	1.480
SPECIFIC GRAVITY @ 20°C	0.910 – 0.932	CONFORMS
ACID VALUE	<4.5	0.67
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	-
IODINE VALUE	160.0 – 220.0	186.0
FREE FATTY ACID	<2.25	0.33

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 10.0	5.7
C18:0	STEARIC	2.0 - 9.0	4.6
C18:1	OLEIC	13.0 – 35.0	21.5
C18:2	LINOLEIC	10.0 – 20.0	15.1
C18:3	LINOLENIC	35.0 - 71.0	51.5

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.