



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)

*Product Specification*  
**Organic Flax Seed / Linseed Oil**  
*(Linum usitatissimum)*

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

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

FATTY ACID PROFILE		RANGE %
<b>C-CHAIN</b>	<b>ACID NAME</b>	
C16:0	PALMITIC	3.0 – 10.0
C18:0	STEARIC	2.0 - 9.0
C18:1	OLEIC	13.0 – 35.0
C18:2	LINOLEIC	10.0 – 20.0
C18:3	LINOLENIC	35.0 - 71.0

*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 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.*