



NHR ORGANIC OILS  
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*Certificate of Analysis Sheet*  
**Organic Flax Seed / Linseed Oil**  
*(Linum usitatissimum)*

PRODUCT NAME: FLAX SEED OIL, COLD PRESSED ORGANIC
BATCH NUMBER: 080526-9
PRODUCT INCI: LINUM USITATISSIMUM SEED OIL
CAS NUMBER: 8001-26-1
EINECS NUMBER: 232-278-6
MANUFACTURING METHOD: COLD PRESSED

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	COMPLIES
ODOUR	CHARACTERISTIC	COMPLIES
COLOUR	YELLOW – GOLDEN – LIGHT BROWN	COMPLIES
REFRACTIVE INDEX @ 20°C	1.470 – 1.485	1.480
SPECIFIC GRAVITY @ 20°C	0.910 – 0.932	0.931
ACID VALUE	<4.5	1.74
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	6.20
IODINE VALUE	160.0 – 220.0	192.6
FREE FATTY ACID	<2.25	0.87

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	3.0 – 10.0	5.4
C18:0	STEARIC	2.0 - 9.0	5.0
C18:1	OLEIC	13.0 – 35.0	20.7
C18:2	LINOLEIC	10.0 – 20.0	15.6
C18:3	LINOLENIC	35.0 - 71.0	52.2

*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.*