



NHR ORGANIC OILS  
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## *Certificate of Analysis Sheet* **Organic Sunflower Seed Oil** *(Helianthus annuus)*

PRODUCT NAME: SUNFLOWER SEED OIL (HI LINOLEIC), COLD PRESSED ORGANIC
BATCH NUMBER: 300724-3
PRODUCT INCI: HELIANTHUS ANNUUS SEED OIL
ORIGIN: GERMANY
CAS NUMBER: 8001-21-6
EINECS NUMBER: 232-273-9
MANUFACTURING METHOD: COLD PRESSED

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	YELLOW - GOLDEN	-
SPECIFIC GRAVITY @ 20°C	0.918 – 0.930	COMPLIES
REFRACTIVE INDEX @ 20°C (NR)	1.472 – 1.477	COMPLIES
PEROXIDE VALUE	<20.0	1.60
ACID VALUE (OLEIC)	<4.0	1.62
FREE FATTY ACID	<2.0	0.81

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	5.0 – 8.0	5.92
C16:1	PALMITOLEIC	<0.3	0.09
C18:0	STEARIC	<7.0	3.59
C18:1	OLEIC	15.0 – 40.0	27.47
C18:2	LINOLEIC	48.0 – 74.0	61.51
C18:3	LINOLENIC	<1.0	0.15
C20:0	ARACHIDIC	<0.5	0.27
C22:0	BEHENIC	< 1.0	0.58

*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.*