



NHR ORGANIC OILS  
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## Certificate of Analysis Sheet

### Organic Safflower Oil (*Carthamus tinctorius*)

PRODUCT NAME: SAFFLOWER COLD PRESSED ORGANIC
BATCH NUMBER: 140125-2
PRODUCT INCI: CARTHAMUS TINCTORIUS SEED OIL
ORIGIN: EUROPE
CAS NUMBER: 8001-23-8
EINECS NUMBER: 232-276-5
MANUFACTURING METHOD: COLD PRESSED

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	YELLOW - GOLDEN	-
SPECIFIC GRAVITY @ 20°C	0.922 – 0.927	-
FREE FATTY ACIDS	≤ 2.0	0.98
ACID VALUE	≤ 4.0	1.0
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	3.8
IODINE VALUE	136.0 – 148.0	-
MOISTURE	≤ 0.1	0.05

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	5.3– 8.0	7.0
C18:0	STEARIC	1.9 – 5.0	2.8
C18:1	OLEIC	8.4 – 21.3	13.1
C18:2	LINOLEIC	67.8 – 83.2	75.9

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.