



NHR ORGANIC OILS  
24 CHATHAM PLACE, BRINGTON, BN1 3TN, UK  
+44 (0)1273 746505 [info@nhrorganic oils.co.uk](mailto:info@nhrorganic oils.co.uk) [www.nhrorganic oils.com](http://www.nhrorganic oils.com)

## Certificate of Analysis Sheet

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

PRODUCT NAME: SAFFLOWER COLD PRESSED ORGANIC
BATCH NUMBER: 050925-1
PRODUCT INCI: CARTHAMUS TINCTORIUS SEED OIL
CAS NUMBER: 8001-23-8
EINECS NUMBER: 232-276-5
MANUFACTURING METHOD: COLD PRESSED

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	COMPLIES
ODOUR	CHARACTERISTIC	COMPLIES
COLOUR	YELLOW -GOLDEN	COMPLIES
SPECIFIC GRAVITY @ 20°C	0.922 – 0.927	0.926
FREE FATTY ACIDS	≤ 10.0	0.15
ACID VALUE	≤ 20.0	0.3
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	1.6
MOISTURE	≤ 0.1	< 0.1

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	5.3 – 8.0	6.1
C18:0	STEARIC	1.9 – 5.0	2.8
C18:1	OLEIC	8.4 – 21.3	12.4
C18:2	LINOLEIC	67.8 – 83.2	75.4

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.