



NHR ORGANIC OILS  
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## Certificate of Analysis Sheet

### Organic Safflower Oil

(*Carthamus tinctorius*)

|                                              |
|----------------------------------------------|
| PRODUCT NAME: SAFFLOWER COLD PRESSED ORGANIC |
| BATCH NUMBER: 160726-7                       |
| 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   | 0.922    |
| FREE FATTY ACIDS                         | ≤ 10.0          | 0.05     |
| ACID VALUE                               | ≤ 20.0          | 0.3      |
| PEROXIDE VALUE (MEQ O <sub>2</sub> / KG) | <20.0           | 1.8      |
| MOISTURE                                 | ≤ 0.1           | < 0.1    |

| FATTY ACID PROFILE |           | RANGE %   | RESULTS |
|--------------------|-----------|-----------|---------|
| C-CHAIN            | ACID NAME |           |         |
| C16:0              | PALMITIC  | 5.3–8.0   | 7.9     |
| C18:0              | STEARIC   | 1.9–5.0   | 3.4     |
| C18:1              | OLEIC     | 8.4–21.3  | 10.4    |
| C18:2              | LINOLEIC  | 67.8–83.2 | 77.0    |

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 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.