



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

## Certificate of Analysis Sheet

### Organic Evening Primrose Oil (*Oenothera biennis*)

PRODUCT NAME: EVENING PRIMROSE OIL, COLD PRESSED ORGANIC
BATCH NUMBER: 061025-6
PRODUCT INCI: OENOTHERA BIENNIS OIL
CAS NUMBER: 90028-66-3
EINECS NUMBER: 289-859-2
MANUFACTURING METHOD: COLD PRESSED

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	CONFORMS
ODOUR	CHARACTERISTIC	CONFORMS
COLOUR	PALE YELLOW - GREEN	CONFORMS
COLOUR (GARDNER)	<12.0	5.0 Y
REFRACTIVE INDEX @ 20°C	1.476 – 1.482	CONFORMS
SPECIFIC GRAVITY @ 20°C	0.920 – 0.932	CONFORMS
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	2.9
IODINE VALUE	125.0 – 165.0	145.0
SAPONIFICATION VALUE	180.0 – 199.0	192.0
UNSAAPONIFIABLE MATTER	<2.0	CONFORMS
ACID VALUE	<2.0	0.2

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	4.0 – 10.0	6.5
C16:1	PALMITOLEIC	<0.5	<0.5
C18:0	STEARIC	1.0 - 4.0	2.3
C18:1	OLEIC	5.0 – 12.0	9.1
C18:2	LINOLEIC	65.0 – 85.0	71.7
C18:3	GAMMA LINOLENIC	>9.0	9.1
C20:0	ARACHIDIC	<1.0	<1.0
C22:0	BEHENIC	<0.5	<0.5
C20:1	EICOSAENOIC	<0.5	<0.5
C24:0	LIGNOCERIC	<1.0	<1.0

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.