



**Organic Evening Primrose Oil**  
 INCI: Oenothera Biennis (Evening Primrose) Oil  
 Product ID: ORGOILEPOEXPREF9GLAEU742

**Specifications**

**Analytical Details**

**Appearance:**

**Odor:**

**Color (Gardner):**

**Acid Value:**

**Peroxide Value:**

**Totox Value:**

**Moisture:**

**Refractive Index (20 °C):**

**Specific Gravity (20 °C):**

**Saponification Value:**

**Unsaponifiable Matter:**

**Methods**

Organoleptic

Organoleptic

DIN 4630

ISO 660

ISO 3960

Calculated

AOCS Cd8b:90(09)

ISO 6320

ISO 6883

ISO 3657

ISO 3596

**Specifications**

Clear, Bright Yellow to  
Greenish Oil

Characteristic

≤ 12

≤ 4.0 mg KOH/g

≤ 3.0 meq/kg

≤ 25.0

≤ 0.1%

1.476 - 1.482

0.921 - 0.931 g/mL

180.0 - 195.0 mg KOH/g

≤ 2.0%

**Fatty Acid Profile**

**< C16:0:**

**C16:0 Palmitic:**

**C18:0 Stearic:**

**C18:1 Oleic:**

**C18:2 Linoleic:**

**C18:3 γ-Linoleic:**

**Others:**

LAU\_G051B

LAU\_G051B

LAU\_G051B

LAU\_G051B

LAU\_G051B

LAU\_G051B

LAU\_G051B

≤ 0.3%

5.0 - 7.0%

1.0 - 3.0%

5.0 - 10.0%

68.0 - 76.0%

≥ 9.0%

1.0 - 3.0%

**Heavy Metals**

**Lead:**

**Cadmium:**

**Mercury:**

**Arsenic:**

ICPMS

ICPMS

ICPMS

ICPMS

≤ 0.1 ppm

≤ 0.05 ppm

≤ 0.05 ppm

≤ 0.1 ppm

**Persistent Organic Pollutants**

**Benzo (a) Pyrene:**

**Sum of B(a)P, B(a)A, B(b)F, Chrysene:**

**Sum of Dioxins and Furans**

**(as WHO-PCDD/F-TEQ/g):**

**Sum of Dioxins, Furans, Dioxin-like PCBs**

**(WHO-PCDD/F-PCB-TEQ/g):**

**PCBs (Sum 28, 52, 101, 138, 153, 180)**

**(Total 6 DIN-PCB):**

ISO 22959

ISO 22959

QMA504-341,HRMS

QMA504-341,HRMS

QMA504-341,HRMS

≤ 2.0 µg/kg

≤ 10.0 µg/kg

≤ 0.75 pg/g

≤ 1.25 pg/g

≤ 40 ng/g

**NATURAL SOURCING®**

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**Microbiological**

<b>Total Viable Count (TVC):</b>	TP/006	≤ 1,000 cfu/g
<b>Salmonella:</b>	TP/018	None Detected
<b>Yeast &amp; Mold:</b>	TP/008	≤ 100 cfu/g
<b>E. Coli:</b>	TP/016	None Detected
<b>Staphylococcus Aureus:</b>	TP/012	None Detected

**Shelf Life:**

1 Year

**Storage:**Store in a cool, dry place away from light and heat.  
Once opened, nitrogen blanketing is recommended.**Note: Pesticide residues for this product are in accordance with European Food Laws.****Date:** 11/10/2023

Disclaimer: All information, appearing herein on our products is based upon data that are believed to be reliable. However, it is the user's responsibility to determine the suitability of the product before use. Since the actual use of the product is beyond our control, no guarantee, express or implied, is made by Natural Sourcing of the product nor does Natural Sourcing assume any liability arising out of use, by others, of the product referred to herein.

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