

## Evening Primrose Oil

INCI: Oenothera Biennis (Evening Primrose) Oil

Product ID: OILEPOEXPREF9GLAEU742

### Specifications

#### Analytical Details

**Appearance:**

**Gardner Color:**

**Acid Value:**

**Peroxide Value:**

**Anisidine Value:**

**Totox Value:**

**Moisture:**

**Saponification Value:**

**Unsaponifiable Matter:**

**Refractive Index (20 °C):**

**Specific Gravity (20 °C):**

**Benzo(a)pyrene:**

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

**Sum of Dioxins and Furans (WHO-PCDD/  
F-TEQ/g):**

**Sum of Dioxins, Furans, Dioxin-like PCBs  
(WHO-PCDD/F-PCB-TEQ/g):**

**PCB's (Sum 28, 52, 101, 138, 153, 180)**

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

#### Fatty Acid Profile

**< C16:0:**

**C16:0 Palmitic:**

**C18:0 Stearic:**

**C18:1 Oleic:**

**C18:1 Cis-Vaccenic:**

**C18:2 Linoleic:**

**C18:3 Gamma Linolenic:**

**Others:**

#### Heavy Metals

**Lead:**

**Cadmium:**

**Mercury:**

**Arsenic:**

#### Methods

Organoleptic

DIN 4630

ISO 660

ISO 3960

ISO 6885

Calculated

AOCS Cd8b : 90(09)

ISO 3657

ISO 3596

ISO 6320

ISO 6883

ISO 22959

ISO 22959

QMA504-341, HRMS

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LAU\_G051B

LAU\_G051B

LAU\_G051B

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ICPMS

ICPMS

ICPMS

ICPMS

#### Specifications

Clear Pale Yellowish Oil

≤ 7

≤ 1.0 mg KOH/g

≤ 3.0 meq/kg

≤ 15.0

≤ 20.0

≤ 0.1%

180.0 - 195.0 mg KOH/g

≤ 2.0%

1.476 - 1.482

0.921 - 0.931 g/mL

≤ 1.0 µg/kg

≤ 10.0 µg/kg

≤ 0.75 pg/g

≤ 1.25 pg/g

≤ 40.0 ng/g

≤ 0.3%

5.0 - 7.0%

1.0 - 3.0%

5.0 - 10.0%

≤ 1.0%

68.0 - 76.0%

≥ 9.0%

≤ 3.0%

≤ 0.1 mg/kg

≤ 0.05 mg/kg

≤ 0.05 mg/kg

≤ 0.1 mg/kg

NATURAL SOURCING®

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**Microbiological****Total Viable Count:**

TP/006

≤ 1000 cfu/g

**Yeast & Mold:**

TP/008

≤ 100 cfu/mL

**E. Coli:**

TP/016

Not Detected

**Salmonella:**

TP/018

Not Detected /25g

**Staphylococcus Aureus:**

TP/012

Not Detected

**Shelf Life:**

1 Year

**Storage:**

Store in a cool, dry place. Avoid light and heat. Keep product airtight. Once opened, cap with nitrogen.

**Date:** 03/21/2023

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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