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FROM NATURE WITH LOVE®

# Organic Flax Seed Oil

INCI: Linum Usitatissimum (Flax) Seed Oil

Product ID: ORGOILFLAXCPVIRCA894

## Specifications

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| Analytical Details | Specifications |
|---|---|
| **Appearance:** | Light Golden Yellow Oil |
| **Free Fatty Acids** | ≤ 2.0% |
| **Peroxide Value:** | ≤ 10.0 meq O2/kg |
| **Iodine Value:** | 170 - 215 g $I_2$/100g |
| **Acid Value:** | ≤ 4.0 mg KOH/g |
| **Saponification Value:** | 186 - 196 mg KOH/g |
| **Unsaponifiable Matter:** | ≤ 1.5% |
| **p-Anisidine Value** | ≤ 6% |
| **Aflatoxin:** | ≤ 2.0 ppb |
| **Fat Content** | |
| **Saturated Fat:** | ≤ 12% |
| **Naturally Occurring Trans Fat:** | ≤ 1.0% |
| **Monounsaturated Fat:** | 15 - 25% |
| **Polyunsaturated Fat:** | 65 - 75% |
| **Fatty Acid Profile** | |
| **C14:0 Myristic:** | 0.03 - 0.04% |
| **C16:0 Palmitic:** | 4.7 - 5.6% |
| **C16:1 Palmitoleic:** | 0.05 - 0.11% |
| **C17:1 Heptadecanoic:** | 0.03 - 0.04% |
| **C18:0 Stearic:** | 2.8 - 3.3% |
| **C18:1 Oleic:** | 10 - 25% |
| **C18:1 Octadecenoic:** | 0.1 - 0.8% |
| **C18:2 Linoleic:** | 12 - 26% |
| **C18:3 γ-Linolenic:** | 0.1 - 0.2% |
| **C18:3 α-Linolenic:** | 50 - 75% |
| **C20:0 Arachidic:** | 0.05 - 0.25% |
| **C20:1 Eicosenic:** | 0.1 - 0.2% |
| **C20:2 Eicosadienoic:** | 0.03 - 0.05% |
| **C22:0 Behenic:** | 0.03 - 0.15% |
| **C24:0 Lignoceric:** | 0.05 - 0.1% |
| **Others:** | 0.04 - 0.4% |

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**Microbiological**

| | |
|---|---|
| **Total Plate Count:** | ≤ 10,000 cfu/g |
| **Yeast:** | ≤ 1000 cfu/g |
| **Mold:** | ≤ 1000 cfu/g |
| **Total Coliform:** | ≤ 100 cfu/g |
| **E. Coli:** | < 5 cfu/g |
| **S. Aureus:** | < 5 cfu/g |
| **Salmonella:** | Negative |
| **Listeria:** | Negative |

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**Shelf Life:** 6 Months to 1 Year

**Date:** 09/12/2025

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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