

## TECHNICAL DATA SHEET

<b>Product Name</b>	<b>FLAX (LINSEED) SEED OIL</b>
<b>Botanical Name</b>	Linum usitatissimum
<b>Product Code</b>	PCO4049
<b>CAS #</b>	8001-26-1
<b>EINECS #</b>	232-278-6
<b>INCI Name</b>	Linum usitatissimum (Linseed) Seed Oil

<b>Part Used</b>	Seeds
<b>Extraction Method</b>	Cold Pressed
<b>Quality</b>	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
<b>Appearance</b>	Pale yellow to golden colored liquid
<b>Odour</b>	Characteristic nutty odour
<b>Refractive Index</b>	1.472 - 1.475 @ 40°C
<b>Specific Gravity (g/mL)</b>	0.923 - 0.928 @ 30°C
<b>Saponification Value (mgKOH/g)</b>	188 - 195
<b>Unsaponifiable Matter (%)</b>	Maximum 1.5
<b>Moisture (%)</b>	Maximum 0.1
<b>Peroxide Value (meq O<sub>2</sub>/kg)</b>	Less than 5.0
<b>Iodine Value (g I<sub>2</sub>/100g)</b>	170 - 215
<b>Acid Value (mgKOH/g)</b>	Less than 0.5
<b>Solubility</b>	Soluble in cosmetic esters and fixed oils; Insoluble in water

### FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
<b>Palmitic Acid</b>	C16:0	4.00 – 7.00
<b>Stearic Acid</b>	C18:0	2.00 – 5.00
<b>Oleic Acid</b>	C18:1 (n-9)	12.00 – 34.00
<b>Linoleic Acid</b>	C18:2 (n-6)	17.00 – 24.00
<b>Alpha-Linolenic Acid</b>	C18:3 (n-3)	35.00 – 60.00

### STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

DISCLAIMER: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Paras Perfumers provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.



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