

## TECHNICAL DATA SHEET

<b>Product Name</b>	<b>PUMPKIN SEED OIL</b>
<b>Botanical Name</b>	Cucurbita pepo
<b>Product Code</b>	PCO4040
<b>CAS #</b>	8016-49-7; 89998-03-8
<b>EINECS #</b>	289-741-0
<b>INCI Name</b>	Cucurbita pepo (Pumpkin) 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>	Deep amber to greenish brown colored liquid
<b>Odour</b>	Characteristic, appealing nutty odour
<b>Refractive Index</b>	1.460 - 1.485 @ 20°C
<b>Specific Gravity (g/mL)</b>	0.910 - 0.930 @ 20°C
<b>Saponification Value (mgKOH/g)</b>	174 - 198
<b>Peroxide Value (meq O<sub>2</sub>/kg)</b>	Less than 8
<b>Iodine Value (g I<sub>2</sub>/100g)</b>	110 - 130
<b>Free Fatty Acids (% oleic)</b>	Less than 2
<b>Acid Value (mgKOH/g)</b>	Less than 4
<b>Solubility</b>	Soluble in alcohols 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	12.60 – 18.40
<b>Stearic Acid</b>	C18:0	5.10 – 8.50
<b>Oleic Acid</b>	C18:1 (n-9)	17.00 – 39.50
<b>Linoleic Acid</b>	C18:2 (n-6)	18.10 – 62.80
<b>Alpha-Linolenic Acid</b>	C18:3 (n-3)	Maximum 1.00

**As it is electronically generated document, hence no signature required.**

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