

## TECHNICAL DATA SHEET

<b>Product Name</b>	<b>CHIA SEED OIL</b>
<b>Botanical Name</b>	Salvia hispanica
<b>Product Code</b>	PCO4073
<b>CAS #</b>	93384-40-8
<b>EINECS #</b>	297-250-8
<b>INCI Name</b>	Salvia hispanica 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>	Golden bright colored liquid
<b>Odour</b>	Characteristic mild, nutty odour
<b>Refractive Index</b>	1.460 - 1.485 @ 20°C
<b>Specific Gravity (g/mL)</b>	0.910 - 0.933 @ 20°C
<b>Saponification Value (mgKOH/g)</b>	185 - 200
<b>Peroxide Value (meq O<sub>2</sub>/kg)</b>	Less than 10.0
<b>Iodine Value (g I<sub>2</sub>/100g)</b>	175 - 205
<b>Free Fatty Acids (% oleic)</b>	Less than 2.0
<b>Acid Value (mgKOH/g)</b>	Less than 5.0
<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	3.00 – 8.00
<b>Palmitoleic Acid</b>	C16:1 (n-7)	Maximum 0.50
<b>Stearic Acid</b>	C18:0	1.00 – 6.00
<b>Oleic Acid</b>	C18:1 (n-9)	5.00 – 12.00
<b>Linoleic Acid</b>	C18:2 (n-6)	17.00 – 26.00
<b>Alpha-Linolenic Acid</b>	C18:3 (n-3)	50.00 – 57.00

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

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