

## TECHNICAL DATA SHEET

<b>Product Name</b>	<b>CHAULMOOGRA OIL</b>
<b>Botanical Name</b>	Hydnocarpus kurzii
<b>Product Code</b>	PCO4072
<b>CAS #</b>	8001-74-9
<b>INCI Name</b>	Hydnocarpus kurzii (Chaulmoogra) 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 colored viscous liquid
<b>Odour</b>	Characteristic woody odour
<b>Refractive Index</b>	1.472 - 1.476 @ 20°C
<b>Specific Gravity (g/mL)</b>	0.950 - 0.960 @ 20°C
<b>Saponification Value (mgKOH/g)</b>	195 - 205
<b>Peroxide Value (meq O<sub>2</sub>/kg)</b>	Less than 5.0
<b>Iodine Value (g I<sub>2</sub>/100g)</b>	98 - 103
<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>Myristic Acid</b>	C14:0	Maximum 1.0
<b>Palmitic Acid</b>	C16:0	4.00 – 12.00
<b>Palmitoleic Acid</b>	C16:1 (n-7)	4.00 – 10.00
<b>Oleic Acid</b>	C18:1 (n-9)	3.00 – 8.00
<b>Linoleic Acid</b>	C18:2 (n-6)	1.00 – 3.00
<b>Hydnocarpic Acid</b>	-	15.00 – 30.00
<b>Chaulmoogri Acid</b>	-	20.00 – 40.00
<b>Gorlic Acid</b>	-	20.00 – 35.00

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

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