

## TECHNICAL DATA SHEET

<b>Product Name</b>	<b>MAHUA (MOWRAH) OIL</b>
<b>Botanical Name</b>	Madhuca indica, Madhuca longifolia
<b>Product Code</b>	PCO4024
<b>INCI Name</b>	Madhuca Longifolia 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 yellow colored liquid
<b>Odour</b>	Characteristic odour
<b>Specific Gravity (g/mL)</b>	0.862 - 0.875 @ 30°C
<b>Refractive Index</b>	1.458 - 1.462 @ 40°C
<b>Saponification Value (mgKOH/g)</b>	187 - 196
<b>Unsaponifiable Matter (%)</b>	Maximum 2.00
<b>Peroxide Value (meq O<sub>2</sub>/kg)</b>	Less than 5.0
<b>Iodine Value (g I<sub>2</sub>/100g)</b>	58 - 70
<b>Acid Value (mgKOH/g)</b>	Less than 0.5
<b>Moisture (%)</b>	Maximum 0.1
<b>Insoluble Impurities (%)</b>	Maximum 0.1
<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	20.00 – 25.00
<b>Stearic Acid</b>	C18:0	20.00 – 25.00
<b>Oleic Acid</b>	C18:1 (n-9)	35.00 – 48.00
<b>Linoleic Acid</b>	C18:2 (n-6)	10.00 – 16.00

### 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.

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