

TECHNICAL DATA SHEET

Product Name	MAHUA (MOWRAH) OIL
Botanical Name	Madhuca indica, Madhuca longifolia
Product Code	PCO4024
INCI Name	Madhuca Longifolia Seed Oil

Part Used	Seeds
Extraction Method	Cold Pressed
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to golden yellow colored liquid
Odour	Characteristic odour
Specific Gravity (g/mL)	0.862 - 0.875 @ 30°C
Refractive Index	1.458 - 1.462 @ 40°C
Saponification Value (mgKOH/g)	187 - 196
Unsaponifiable Matter (%)	Maximum 2.00
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	58 - 70
Acid Value (mgKOH/g)	Less than 0.5
Moisture (%)	Maximum 0.1
Insoluble Impurities (%)	Maximum 0.1
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Palmitic Acid	C16:0	20.00 – 25.00
Stearic Acid	C18:0	20.00 – 25.00
Oleic Acid	C18:1 (n-9)	35.00 – 48.00
Linoleic Acid	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.

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

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