

TECHNICAL DATA SHEET

Product Name	TRICHILIA OIL
Botanical Name	Trichilia emetica
Product Code	PCO4094
INCI Name	Trichilia emetica (Cape Mahogany) Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Light golden colored liquid at room temperature; pale yellow soft fat at temperatures less than 30°C
Odour	Characteristic mild, nutty odour
Refractive Index	1.465 - 1.485 @ 20°C
Specific Gravity (g/mL)	0.890 - 0.920 @ 20°C
Saponification Value (mgKOH/g)	190 - 210
Peroxide Value (meq O₂/kg)	Less than 10.0
Iodine Value (g I₂/100g)	60 - 80
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Palmitic Acid	C16:0	45.00 – 65.00
Stearic Acid	C18:0	1.00 – 4.00
Oleic Acid	C18:1 (n-9)	25.00 – 40.00
Linoleic Acid	C18:2 (n-6)	8.00 – 13.00
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 1.50

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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