

TECHNICAL DATA SHEET

Product Name	KALAHARI MELON SEED OIL
Botanical Name	Citrullus lanatus
Product Code	PCO4093
CAS #	90244-99-8
EINECS #	290-802-9
INCI Name	Citrullus lanatus (Watermelon) 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 slightly oily liquid
Odour	Characteristic odour
Refractive Index	1.465 - 1.485 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.940 @ 20°C
Saponification Value (mgKOH/g)	180 - 200
Peroxide Value (meq O₂/kg)	Less than 3.0
Iodine Value (g I₂/100g)	120 - 135
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	8.00 – 13.00
Palmitoleic Acid	C16:1	Maximum 1.0
Stearic Acid	C18:0	5.00 – 11.00
Oleic Acid	C18:1 (n-9)	10.00 – 29.00
Linoleic Acid	C18:2 (n-6)	55.00 – 70.00
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 2.00

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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