

TECHNICAL DATA SHEET

Product Name	RIDGE GOURD SEED OIL
Botanical Name	Lufa acutangula
Product Code	PCO4109
INCI Name	Lufa acutangula 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 brown colored liquid
Odour	Faint characteristic odour
Refractive Index	1.450 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.930 @ 20°C
Saponification Value (mgKOH/g)	180 - 200
Iodine Value (g I₂/100g)	90 - 120
Free Fatty Acids (% oleic)	Less than 7.0
Acid Value (mgKOH/g)	Less than 15.0
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	18.00 – 26.00
Stearic Acid	C18:0	8.00 – 12.00
Oleic Acid	C18:1 (n-9)	16.00 – 22.00
Linoleic Acid	C18:2 (n-6)	40.00 – 56.00

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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