

TECHNICAL DATA SHEET

Product Name	PAPAYA SEED OIL
Botanical Name	Carica papaya
Product Code	PCO4062
CAS #	84012-30-6
EINECS #	281-675-0
INCI Name	Carica Papaya (Papaya) Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to greenish yellow colored liquid
Odour	Almost odourless
Refractive Index	1.460 - 1.475 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.940 @ 20°C
Saponification Value (mgKOH/g)	180 - 200
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	75 - 90
Free Fatty Acids (% oleic)	Less than 0.4
Acid Value (mgKOH/g)	Less than 0.8
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	14.00 – 16.00
Palmitoleic Acid	C16:1 (n-7)	Maximum 1.00
Stearic Acid	C18:0	2.00 – 5.00
Oleic Acid	C18:1 (n-9)	68.00 – 77.00
Linoleic Acid	C18:2 (n-6)	5.00 – 12.00
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 0.50

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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