

TECHNICAL DATA SHEET (TDS)

Product Name	CUSTARD APPLE SEED OIL
Botanical Name	Annona squamosa
Product Code	PCO4133
INCI Name	Annona Squamosa 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 mild odour
Refractive Index	1.450 - 1.490 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.940 @ 20°C
Saponification Value (mgKOH/g)	180 - 210
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	90 - 130
Acid Value (mgKOH/g)	Less than 2.0
Moisture (%)	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	12.00 – 24.00
Palmitoleic Acid	C16:1 (n-7)	Maximum 2.00
Stearic Acid	C18:0	3.00 – 7.00
Oleic Acid	C18:1 (n-9)	36.00 – 45.00
Linoleic Acid	C18:2 (n-6)	24.00 – 34.00
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 3.00
Behenic Acid	C22:0	1.00 – 3.00

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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