

TECHNICAL DATA SHEET

Product Name	STRAWBERRY SEED OIL
Botanical Name	Fragaria ananassa
Product Code	PCO4054
INCI Name	Fragaria Ananassa (Strawberry) Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Dark green colored liquid
Odour	Characteristic mild fruity, strawberry-like odour
Refractive Index	1.475 - 1.485 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.930 @ 20°C
Saponification Value (mgKOH/g)	180 - 200
Unsaponifiable Matter (%)	Maximum 1.5
Peroxide Value (meq O₂/kg)	Less than 15.0
Iodine Value (g I₂/100g)	165 - 195
Free Fatty Acids (% oleic)	Less than 1.0
Acid Value (mgKOH/g)	Less than 2.0
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	2.00 – 6.00
Palmitoleic Acid	C16:1 (n-7)	Maximum 0.50
Stearic Acid	C18:0	1.00 – 2.50
Oleic Acid	C18:1 (n-9)	8.00 – 16.00
Linoleic Acid	C18:2 (n-6)	44.00 – 55.00
Alpha-Linolenic Acid	C18:3 (n-3)	28.00 – 38.00

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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