

TECHNICAL DATA SHEET

Product Name	PISTACHIO NUT OIL
Botanical Name	Pistacia vera
Product Code	PCO4084
CAS #	90082-81-8
EINECS #	290-173-0
INCI Name	Pistacia Vera (Pistachio) Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Greenish yellow to olive green colored liquid
Odour	Characteristic mild odour
Refractive Index	1.460 - 1.475 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.920 @ 20°C
Saponification Value (mgKOH/g)	189 - 195
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	84 - 115
Acid Value (mgKOH/g)	Less than 1.0
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	8.00 – 15.00
Palmitoleic Acid	C16:1 (n-7)	Maximum 3.00
Stearic Acid	C18:0	Maximum 3.00
Oleic Acid	C18:1 (n-9)	45.00 – 58.00
Linoleic Acid	C18:2 (n-6)	27.00 – 37.00
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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