

TECHNICAL DATA SHEET

Product Name	ORANGE SEED OIL
Botanical Name	Citrus aurantium
Product Code	PCO4112
INCI Name	Citrus aurantium dulcis (Orange) Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to orange yellow colored liquid
Odour	Faint characteristic odour
Refractive Index	1.460 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.922 @ 20°C
Saponification Value (mgKOH/g)	190 - 200
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	105 - 115
Free Fatty Acids (% oleic)	Less than 0.5
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	10.00 – 22.00
Stearic Acid	C18:0	2.00 – 4.00
Oleic Acid	C18:1 (n-9)	25.00 – 40.00
Linoleic Acid	C18:2 (n-6)	32.00 – 50.00
Alpha-Linolenic Acid	C18:3 (n-3)	3.00 – 7.00

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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