

TECHNICAL DATA SHEET

Product Name	AVOCADO OIL
Botanical Name	Persea americana syn P. gratissima
Product Code	PCO4004
CAS #	8024-32-6; 8007-72-5
EINECS #	232-428-0
INCI Name	Persea gratissima (Avocado) Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to green yellow colored liquid
Odour	Almost odorless
Refractive Index	1.460 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.928 @ 20°C
Saponification Value (mgKOH/g)	190 - 210
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	80 - 95
Free Fatty Acids (% oleic)	Less than 0.5
Acid Value (mgKOH/g)	Less than 1.0
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	5.00 – 25.00
Palmitoleic Acid	C16:1 (n-7)	2.00 – 10.00
Stearic Acid	C18:0	Maximum 2.0
Oleic Acid	C18:1 (n-9)	55.00 – 75.00
Linoleic Acid	C18:2 (n-6)	9.00 – 17.00
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 2.0

As it is electronically generated document, hence no signature required.

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