

TECHNICAL DATA SHEET

Product Name	CASHEW NUT OIL
Botanical Name	Anacardium occidentale
Product Code	PCO4081
CAS #	8007-24-7
INCI Name	Anacardium occidentale (Cashew) seed oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow colored liquid
Odour	Mild characteristic odour
Refractive Index	1.460 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.905 - 0.925 @ 20°C
Saponification Value (mgKOH/g)	185 - 200
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	75 - 106
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	8.00 – 12.00
Stearic Acid	C18:0	2.00 – 11.00
Oleic Acid	C18:1 (n-9)	52.00 – 70.00
Linoleic Acid	C18:2 (n-6)	18.00 – 27.00
Alpha-Linolenic Acid	C18:3 (n-3)	0.00 – 1.00

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

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