

TECHNICAL DATA SHEET

Product Name	POMEGRANATE SEED OIL
Botanical Name	Punica granatum
Product Code	PCO4026
CAS #	84961-57-9
EINECS #	284-646-0
INCI Name	Punica granatum (Pomegranate) Seed oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to golden yellow colored liquid
Odour	Very mild nutty/seed-like, fatty odour
Refractive Index	1.513 - 1.525 @ 20°C
Specific Gravity (g/mL)	0.920 - 0.960 @ 20°C
Saponification Value (mgKOH/g)	182 - 192
Peroxide Value (meq O₂/kg)	Less than 8.0
Free Fatty Acids (% oleic)	Less than 2.5
Acid Value (mgKOH/g)	Less than 5.0
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	1.00 – 4.00
Stearic Acid	C18:0	1.00 – 3.00
Oleic Acid	C18:1 (n-9)	3.00 – 7.00
Linoleic Acid	C18:2 (n-6)	3.00 – 8.00
Punicic Acid	C18:3 (n-5)	60.00 – 85.00

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

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