

TECHNICAL DATA SHEET

Product Name	RAPESEED OIL
Botanical Name	Brassica oleifera syn B. campestris
Product Code	PCO4069
CAS #	8002-13-9 ; 90989-79-0
EINECS #	232-299-0 ; 292-737-1
INCI Name	Brassica campestris (Rapeseed) Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Golden yellow colored viscous liquid
Odour	Mild, fresh nutty odour
Refractive Index	1.465 - 1.476 @ 20°C
Specific Gravity (g/mL)	0.912 - 0.928 @ 20°C
Saponification Value (mgKOH/g)	170 - 200
Peroxide Value (meq O₂/kg)	Less than 10.0
Iodine Value (g I₂/100g)	94 - 120
Free Fatty Acids (% oleic)	Less than 2.0
Acid Value (mgKOH/g)	Less than 4.0
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	3.00 – 8.00
Stearic Acid	C18:0	Maximum 3.0
Oleic Acid	C18:1 (n-9)	45.00 – 65.00
Linoleic Acid	C18:2 (n-6)	16.00 – 32.00
Alpha-Linolenic Acid	C18:3 (n-3)	6.00 – 12.00
Erucic Acid	C22:1 (n-9)	Maximum 2.0

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

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