

TECHNICAL DATA SHEET

Product Name	CAMELINA OIL
Botanical Name	Camelina sativa
Product Code	PCO4035
INCI Name	Camelina sativa Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to dark amber colored liquid
Odour	Herbaceous, green odour
Refractive Index	1.470 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.920 - 0.950 @ 20°C
Saponification Value (mgKOH/g)	190 - 200
Peroxide Value (meq O₂/kg)	Less than 5
Iodine Value (g I₂/100g)	135 - 165
Free Fatty Acids (% oleic)	Less than 5
Acid Value (mgKOH/g)	Less than 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	4.90 – 11.00
Palmitoleic Acid	C16:1 (n-7)	Maximum 0.5
Stearic Acid	C18:0	2.00 – 5.00
Oleic Acid	C18:1 (n-9)	12.80 – 16.30
Linoleic Acid	C18:2 (n-6)	15.00 – 20.00
Alpha-Linolenic Acid	C18:3 (n-3)	30.00 – 45.00
Arachidic Acid	C20:0	Maximum 3.50
11-Eicosenoic Acid	C20:1 (n-9)	12.00 – 17.00

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

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