

TECHNICAL DATA SHEET

Product Name	BROCCOLI SEED OIL
Botanical Name	Brassica oleracea var. italica
Product Code	PCO4032
CAS #	223749-36-8
INCI Name	Brassica oleracea italica (Broccoli) 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	Slightly herbaceous, characteristic odour
Refractive Index	1.465 - 1.475 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.920 @ 20°C
Peroxide Value (meq O₂/kg)	Less than 10
Iodine Value (g I₂/100g)	90 - 120
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 – 5.00
Oleic Acid	C18:1 (n-9)	11.00 – 15.00
Linoleic Acid	C18:2 (n-6)	10.00 – 13.00
Alpha-Linolenic Acid	C18:3 (n-3)	9.00 – 12.00
11-Eicosenoic Acid	C20:1 (n-9)	2.00 – 10.00
Erucic Acid	C22:1 (n-9)	45.00 – 55.00

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

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