

TECHNICAL DATA SHEET

Product Name	BLUEBERRY SEED OIL
Botanical Name	Vaccinium corymbosum
Product Code	PCO4079
INCI Name	Vaccinium corymbosum Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Light green to dark greenish yellow colored liquid
Odour	Aromatic, characteristic odour
Refractive Index	1.470 - 1.490 @ 20°C
Specific Gravity (g/mL)	0.915 - 0.930 @ 20°C
Saponification Value (mgKOH/g)	175 - 200
Peroxide Value (meq O₂/kg)	Less than 20.0
Iodine Value (g I₂/100g)	139 - 176
Free Fatty Acids (% oleic)	Less than 3.6
Acid Value (mgKOH/g)	Less than 7.2
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	3.50 – 7.00
Stearic Acid	C18:0	0.60 – 6.00
Oleic Acid	C18:1 (n-9)	16.00 – 25.00
Linoleic Acid	C18:2 (n-6)	41.00 – 57.00
Alpha-Linolenic Acid	C18:3 (n-3)	16.00 – 27.00

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

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