

TECHNICAL DATA SHEET

Product Name	ARCTIC CRANBERRY SEED OIL
Botanical Name	Oxycoccus palustris
Product Code	PCO4124
INCI Name	Oxycoccus palustris Seed Oil

Part Used	Seeds
Extraction Method	Supercritical CO2 Extraction
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to golden colored liquid
Odour	Characteristic odour
Refractive Index	1.450 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.930 @ 20°C
Saponification Value (mgKOH/g)	170 - 205
Peroxide Value (meq O₂/kg)	Less than 10.0
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 – 5.00
Palmitoleic Acid	C16:1 (n-7)	Maximum 1.0
Stearic Acid	C18:0	1.00 – 3.00
Oleic Acid	C18:1 (n-9)	15.00 – 30.00
Linoleic Acid	C18:2 (n-6)	30.00 – 42.00
Alpha-Linolenic Acid	C18:3 (n-3)	25.00 – 40.00

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

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

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