

Lotioncrafter

48 Hope Ln

Eastsound, WA 98245

Tel: 360-376-8008

Specification Sheet

Blueberry Seed Oil

Items	Specification
Appearance	Light yellowish-green to dark green colored liquid
Odor	Characteristic mild fruity odor
Refractive Index	1.470 – 1.490
Specific Gravity (g/mL) @ 20°C	0.915 – 0.930
Saponification Value (mgKOH/g) @ 20°C	175 – 200
Peroxide Value (meq O ₂ /kg)	< 10.0
Iodine Value (g I ₂ /100g)	139 – 176
Acid Value (mgKOH/g)	< 2.0
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

Fatty Acid	C-Chain	Specification (%)
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

Microbial Analysis	Specification
Aerobic Mesophilic Bacterial Count	< 100 CFU/g
Yeast and Mold	< 10 CFU/g
Candida albicans	Absent / 1g
Escherichia coli	Absent / 1g
Pseudomonas aeruginosa	Absent / 1g
Staphylococcus aureus	Absent / 1g

Heavy Metals	Specification
Lead: Pb (mg/kg or ppm)	< 10 ppm
Arsenic: As (mg/kg or ppm)	< 2 ppm
Mercury: Hg (mg/kg or ppm)	< 1 ppm

Parts Used: Seeds

Extraction Method: Cold Pressed

Shelf Life and Storage: 2 years from the date of manufacture

Country of Origin: USA