

Lotioncrafter

48 Hope Ln
Eastsound, WA 98245
Tel: 360-376-8008

Specification Sheet

Broccoli Seed Oil

Items	Specifications
Appearance	Pale yellow to golden liquid
Odor	Slightly herbaceous, characteristic and mild
Refractive Index	1.465 – 1.475 @ 20°C
Specific Gravity	0.910 – 0.920 @ 20°C
Saponification Value	168 – 190
Peroxide Value	< 5.0
Iodine Value	90 – 120
Acid Value	< 3.0
Solubility	Soluble in cosmetic esters and fixed oils; insoluble in water.
Fatty Acids	
Palmitic Acid (C16:0)	1.00 – 5.00
Stearic Acid (C18:0)	Maximum 2.00
Oleic Acid (C18:1)	5.00 – 18.00
Linoleic Acid (C18:2)	5.00 – 15.00
Alpha-Linolenic Acid (C18:3)	6.00 - 12.00
Eicosenoic Acid (C20:1)	2.00 – 10.00

Erucic Acid (C22:1)	42.00 – 60.00
Microbial Analysis	
Aerobic Mesophilic Bacterial Count	< 100 cfu/g
Yeast & Mold	< 10 cfu/g
<i>Candida albicans</i>	Absent / 1g
<i>Escherichia coli</i>	Absent / 1g
<i>Pseudomonas aeruginosa</i>	Absent / 1g
<i>Staphylococcus aureus</i>	Absent / 1g
Heavy Metals	
Lead (Pb)	< 10 ppm
Arsenic (As)	< 2 ppm
Mercury (Hg)	< 1 ppm

Country of Origin: India

Storage: In a cool, dry space protected from light in a tightly sealed container.

Shelf-Life: 2 years from the date of manufacture.