

Lotioncrafter

48 Hope Ln

Eastsound, WA 98245

Tel: 360-376-8008

Specification Sheet

Product: Prickly Pear Seed Oil

Item	Specification
Appearance	Pale yellow to greenish yellow colored liquid
Odor	Characteristic nutty odor
Refractive Index @ 20°C	1.463 – 1.479 @ 20°C
Specific Gravity (g/mL) @ 25°C	0.900 – 0.930 @ 25°C
Saponification Value (mgKOH/g)	165 – 200
Peroxide Value (meq O ₂ /kg)	< 5.0
Free Fatty Acids (% oleic)	< 1.5
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

Fatty Acid Composition:

Fatty Acid	C-Chain	Specification (%)
Palmitic Acid	C16:0	10.00 – 14.00
Stearic Acid	C:18:0	2.50 – 5.50
Oleic Acid	C18:1 (n-9)	18.00 – 30.00
Linoleic Acid	C18:2 (n-6)	55.00 – 65.00
Alpha-Linoleic Acid	C:18:3 (n-3)	Maximum 1.00

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

Lotioncrafter

48 Hope Ln

Eastsound, WA 98245

Tel: 360-376-8008

Heavy Metal Test	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

Storage: Keep in tightly closed container in a cool and dry place, protected from sunlight.

Shelf-life: 24 months from the date of manufacture.

Country of Origin: Morocco