

Lotioncrafter

48 Hope Ln

Eastsound, WA 98245

Tel: 360-376-8008

Specification Sheet

Product: Ximenia Oil

Item	Specification
Appearance	Pale yellow to golden yellow colored slightly oily liquid
Odor	Characteristic mild odor
Refractive Index @ 20°C	1.460 – 1.485
Specific Gravity (g/mL) @ 20°C	0.900 – 0.930
Saponification Value (mg KOH/g)	150 – 180
Peroxide Value (meq O ₂ /kg)	< 10.0
Acid Value (mgKOH/g)	1.0 Max
Solubility	Soluble in cosmetic esters and fixed oils; insoluble in water

Fatty Acid Composition:

Fatty Acid	C-Chain	Specification (%)
Palmitic Acid	C16:0	2.5 max
Stearic Acid	C18:0	1.50 max
Oleic Acid	C18:1 (n-9)	40.00 – 56.00
Ximenynic Acid	C18:1 (n-9)	5.00 – 15.00
Linoleic Acid	C18:2 (n-6)	3.00 max
Alpha-Linolenic Acid	C18:3 (n-3)	3.00 max
Erucic Acid	C22:1 (n-9)	2.50 max
Nervonic Acid	C24:1 (n-9)	7.00 – 12.00
Hexacosenoic (Ximenic) Acid	C26:1 (n-9)	6.50 – 9.50
Octasenoic Acid	C28:1 (n-9)	8.00 – 12.00

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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 Metal Tests	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

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

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

Country of Origin: Zimbabwe