

Lotioncrafter

48 Hope Ln

Eastsound, WA 98245

Tel: 360-376-8008

SPECIFICATION SHEET (TDS)

Rosehip Seed Oil, Unrefined

CAS No. 84603-93-0

Items	Specifications
Appearance	Reddish amber to deep red-orange colored liquid
Odor	Characteristic mild odor
Refractive Index, @ 20°C	1.467 – 1.487
Specific Gravity, g/mL @ 20°C	0.920 – 0.940
Saponification Value, mgKOH/g	175 - 210
Iodine Value, g I ₂ /100g	150 – 190
Peroxide Value, meq O ₂ /kg	< 5.0
Acid Value, mgKOH/g	< 1.0
Moisture, %	< 0.1
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

Fatty Acid Composition

Fatty Acid	C-Chain	Specifications (%)
Palmitic Acid	C16:0	2.00 – 5.00
Stearic Acid	C18:0	3.00 max
Oleic Acid	C18:1 (n-9)	13.00 – 18.00
Linoleic Acid	C18:2 (n-6)	35.00 – 50.00
Alpha-Linolenic Acid	C18:3 (n-3)	22.00 – 38.00
Arachidic Acid	C20:0	1.00 max

Heavy Metal Tests

Heavy Metals	Specifications
Lead (Pb), ppm	< 10
Arsenic (As), ppm	< 2
Mercury (Hg), ppm	< 1

Country of Origin: Chile

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Part Used: Seeds

Extraction Method: Cold Pressed

Quality: 100% Pure and Natural

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.