

# Lotioncrafter

---

48 Hope Ln

Eastsound, WA 98245

Tel: 360-376-8008

## Specification Sheet

### Sea Buckthorn Seed Oil, Cold-Pressed

CAS No. 90106-68-6; 225234-03-7

Items	Specifications
Appearance	Pale yellow to reddish orange colored liquid
Odor	Characteristic sweet, subtle odor
Refractive Index @ 20°C	1.470 – 1.490
Specific Gravity @ 20°C	0.910 – 0.940
Saponification Value (mg KOH/g)	180 - 200
Peroxide Value (meq O <sub>2</sub> / kg)	< 5.0
Iodine Value (g I <sub>2</sub> / 100g)	140.0 – 180.0
Acid Value (mg KOH/ g)	< 10.0
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water
<b>Fatty Acid Profile, %</b>	<b>Range</b>
C16:0 Palmitic	5.00 – 12.00
C16:1 (n-7) Palmitoleic	≥ 5.00
C18:0 Stearic	1.50 – 5.00
C18:1 Oleic + Vaccenic	14.00 – 23.00
C18:2 (n-6) Linoleic	32.00 – 41.00
C18:3 (n-3) Linolenic	24.00 – 35.00
<b>Heavy Metals Tests</b>	<b>Specifications</b>
Lead: Pb (ppm)	< 10 ppm

Arsenic: As (ppm)	< 2 ppm
Mercury: Hg (ppm)	< 1 ppm

Country of Origin: China

Shelf-life & Storage: 2 years from the date of manufacture if stored in ambient conditions in a sealed container, protected from sunlight.