

Lotioncrafter

48 Hope Ln

Eastsound, WA 98245

Tel: 360-376-8008

Specification Sheet

Polysorbate 20

CAS No. 9005-64-5

Items	Specifications
Identification (IR)	Passes
C10 Capric, %	0 – 10.0
C12 Lauric, %	40.0 - 60.0
C14 Myristic, %	14.0 – 25.0
C16 Palmitic, %	7.0 – 15.0
C18 Stearic, %	0.0 – 11.0
C18:1 Oleic, %	99.0-101.0
C18:2 Linoleic, %	0 – 3.0
C6 Caproic, %	0 – 1.0
C8 Caprylic, %	0 – 10.0
Identification (FCC)	Passes
Lauric acid (C12) content, g/100g	Passes
Acid value (C12), mg KOH/g	250 - 275
Oxyethylene Content, %	70.0 – 74.0
Hydroxyl value, mg KOH/g	96.0 – 108.0
Sulfated ashes, wt%	0.00 – 0.25
Acid value, mg KOH/g	0.0 – 2.0
Viscosity, 25°C, BKF, cP	275.00 – 480.00
Arsenic, as As, ppm	≤ 1
Lead, as Pb, ppm	≤ 1
Residual ethylene oxide, ppm	≤ 1
Dioxane, ppm	0 - 10
Heavy metals, ppm	0 - 10
pH, 5% w/w aqueous solution, 25°C	5.0 – 7.0
Appearance, 25°C	Yellowish, clear liquid
Peroxide Value, mEq/1000g	0.0 – 10.0
Density, 25°C, g/cm ³	1.080 – 1.120
Saponification value, mg KOH/g	40.0 – 50.0
Moisture, wt%	0.0 – 3.0
Gardner color, 25°C	0 - 2

Country of Origin: USA

Shelf-life & Storage: 2 years from the date of manufacture, if stored in a at room temperature of lower in sealed container.