

Lotioncrafter

48 Hope Ln

Eastsound, WA 98245

Tel: 360-376-8008

Specification Sheet

Hyaluronic Acid HMW (1.0-1.5 Million Da)

CAS No. 9067-32-7

Items	Specifications
Identification	Infrared Identification
Appearance	White powder
Transparency, %	Penetrate Light rate 99 Min
Assay (dry wt basis), %	90 Minimum
Glucuronic Acid (dry wt. basis), %	44 Minimum
Molecular Weight, Million Da	1.0 - 1.5
Intrinsic Viscosity	17.2 – 23.6 m ³ /kg
pH Value	6.0 – 7.5
Loss on Drying, %	10 Max
Protein (dry wt. basis), %	0.1 Max
Nucleic Acids (A260nm)	0.5 Max
Particle Size	100% pass 80 mesh
Heavy Metals, as Lead, ppm	10 Max.
Arsenic, ppm	1 Max.
Lead, ppm	0.5 Max.
Mercury, ppm	0.1 Max.
Cadmium, ppm	1 Max.
Iron, ppm	80 Max.
Chloride, %	0.5 Max.
Total Plate Count	10 cfu/g Max
Mold & Yeast	10 cfu/g Max
Staphylococcus Aureus	Negative
Pseudomonas Aeruginosa	Negative
Escherichia Coli	Negative
Salmonella	Negative

Country of Origin: China

Shelf-life & Storage: 2 years from the date of manufacture if stored under dry, ambient conditions in a sealed container away from direct light. Do not freeze powder.