

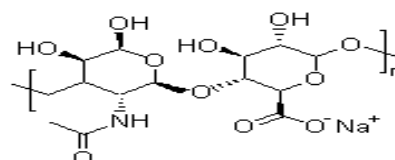
SPECIFICATION SHEET

HyaPoly™

Sodium Hyaluronate Eye Drop Grade

CAS: 9067-32-7

Chemical Formula: $(C_{14}H_{20}NO_{11}Na)_n$



GENERAL CHARACTERISTICS

Description	Sodium hyaluronate is the sodium salt of hyaluronan. Hyaluronic acid is a natural complex sugar of the glycosaminoglycan family and is a long-chain polymer containing repeating disaccharide units of Na-glucuronate-N-acetylglucosamine.
Appearance	Fine powder
Color	White
Odor	Odorless

ANALYTICAL CHARACTERISTICS

Sodium Hyaluronate (dry basis)	Min 96.0%
Glucuronic Acid	Min 45.0%
pH(0.1% Solution)	6.0 ~ 7.5
Transparency (0.1% Water solution)	Min 99.0%
Protein	Max 0.05%
Molecular	1.0~1.8×10 ⁶ Da
Residue on ignition	Max 15%
Loss on drying	Max 8.0%
Transparency(0.1% Water Solution)	Min99.0%
Heavy metal(Pb)	Max 10ppm
Arsenic	Max 2ppm



MICROBIAL CHARACTERISTICS

Total Plate Count	Max 10cfu/g
Mold&Yeas	Max 10cfu/g t
<i>Pseudomonas aeruginosa</i>	Negative
<i>Staphylococcus aureus</i>	Negative
<i>Viable Hemolytical Streptococci</i>	Negative

INGREDIENTS

Sodium Hyaluronate 1.0~1.8×10⁶ Da

LABELING

In the United States and the European Union: HyaPoly™ Sodium Hyaluronate
Eye Drop Grade

USES RECOMMENDATIONS

Dry eye resulting from tear secretion problems can be treated with sodium hyaluronate drops. Sodium hyaluronate drops have been a very effective substitute for natural tears. The treatment is so effective that the eye drops "increase precorneal tear film stability and corneal wettability and reduces the tear evaporation rate."

HANDING RECOMMENDATIONS

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid contact with heat, sparks and flame. Avoid ingestion and inhalation.

Keep away from sparks, and flame. Keep away from sources of ignition. Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area.

PACKING&SHELF LIFE

Package	1kg/Aluminum foil bag
Shelf life	3 years if sealed and stored properly.