



TOPSCIENCE 众山



Cross-linked Sodium Hyaluronate

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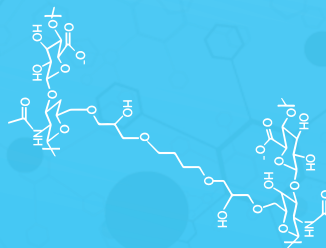
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INCI NAME: Cross-linked Sodium Hyaluronate

MOLECULAR FORMULA: $(C_{14}H_{20}NNaO_{11})_n$



PRODUCT ADVANTAGE



Safe & Reliable

Naturally present in the human body, it causes no immune rejection and carries zero animal-derived risks, ensuring a high safety profile.



Long-Lasting Effect

Enhanced enzyme resistance delivers longer-lasting effects, superior to non-crosslinked products.



Controllable Performance

Customizable crosslinking degree and particle size for tunable hardness and support. Excellent shaping performance across diverse applications.



Strict Standards

Compliant with Class III medical device requirements. Strict control over endotoxins and crosslinker residues. Stable, consistent batch-to-batch quality.

PRODUCT SPECIFICATION

Items	Specifications
Characters	White or almost white powder
Identification Infrared Spectrum	Comply with the reference spectrum
pH	6.0-7.6
Loss on Drying	≤20.0%
Protein	≤0.1%
Residual Solvent: Ethanol	≤0.4%
BDDE Residue	≤2ppm
Heavy metals	≤20ppm
Swelling Degree	Report the test value
Assay	Report the test value
Bacterial Endotoxins	< 0.05 EU/mg
Hemolytic Streptococcus	There should be no hemolytic ring.
Total aerobic microbial count	≤100cfu/g
Total combined yeasts/mould count	≤20cfu/g
Gram-negative Bacteria	Absent/g
Staphylococcus aureus	Absent/g
Pseudomonas aeruginosa	Absent/g

APPLICATION

Applicable to Class II and III medical device fields such as wound repair, aesthetic filling, ophthalmology, and orthopedic joints.

PACKAGE AND STORAGE

- 100g/bottle, 1kg/bag, inner packaging is either DURAN glass bottles or pharmaceutical-grade low-density polyethylene bags with aluminum foil lining.
- In an airtight container, protected from light, 2-8°C.