

# 新疆阜丰生物科技有限公司



Xinjiang Fufeng Biotechnologies Co., Ltd

## Sodium Hyaluronate

Source: Fermentation

Production Date: Mar.12, 2023

Expired Date: Mar.11, 2026

Batch No: HA2023031212X

Grade: Cosmetic grade

Items	Limits	Test results
Description	white powder	Conforms
Molecular weight (Dalton)	4.0 ~ 6.0×10 <sup>5</sup>	4.54×10 <sup>5</sup>
Assay of Sodium Hyaluronate	≥90%	95.73%
Glycuronic acid	≥44%	46.3%
Loss on drying	≤10%	8.41%
Residue on Ignition(500-600°)	≤20%	12.0%
PH ( 0.1% Solution )	6.0 ~ 7.5	6.76
Bulk density g/ml	/	0.46
Heavy Metal	≤10ppm	<10ppm
Lead (Pb)	≤3ppm	<3ppm
Arsenic (As)	≤3ppm	<3ppm
Cadmium	≤1ppm	<1ppm
Mercury (Hg)	≤0.1ppm	<0.1ppm
Proteins	≤0.05%	0.021%
Transparency( 0.1% Solution )	≥98.5%	99.9%
Total Plate Count	≤1000cfu/g	Conform
Yeast and Mold	≤100cfu/g	Conform
Shelf Life	3 Years	
Storage Condition	Stored in cool and dry place	
Conclusion: According to the Enterprise standard. (4)		