

新疆阜丰生物科技有限公司



Xinjiang Fufeng Biotechnologies Co., Ltd

Sodium Hyaluronate

Source: Fermentation

Production Date: May.07, 2023

Expired Date: May.06, 2026

Batch No:HA2023050725X

Grade: Food grade

Items	Limits	Test results
Description	white to off white powder	Conforms
Molecular weight (Dalton)	0.6 ~ 1.4×10 ⁶	1.06×10 ⁶
Assay of Sodium Hyaluronate	≥90%	95.70%
Glycuronic acid	≥44%	46.3%
Loss on drying	≤10%	9.62%
Residue on Ignition(500-600°)	≤20%	10.6%
PH (0.1% Solution)	6.0 ~ 7.5	6.92
Bulk density g/ml	/	0.52
Heavy Metal	≤10ppm	<10ppm
Lead (Pb)	≤3ppm	<3ppm
Arsenic (As)	≤3ppm	<3ppm
Cadmium	≤1ppm	<1ppm
Mercury (Hg)	≤0.1ppm	<0.1ppm
Proteins	≤0.1%	0.022%
Transparency(0.1% Solution)	≥98.5%	99.7%
Total Plate Count	≤1000cfu/g	20cfu/g
Yeast and Mold	≤100cfu/g	<50cfu/g
Shelf Life	3 Years	
Storage Condition	Stored in cool and dry place	
Conclusion: According to the Enterprise standard. (4)		