



Xinjiang Fufeng Biotechnologies Co., Ltd

CERTIFICATE OF ANALYSIS

Sodium Hyaluronate (Food Grade)

Source: Fermentation

Production Date : Nov.10th, 2020

Expired Date:Nov.9th, 2023

Batch No. : HA2020111016X

Test items	Standard	Result
Appearance	White powder	White powder
Glycuronic acid	≥46%	46.5%
Sodium Hyaluronate	≥95%	96.14%
Molecular weight	8.0-13.0*10 ⁵	12.6×10 ⁵
Proteins (%)	≤0.05	0.026
pH (0.1%Solution)	6.0-7.5	6.95
Transparency (0.1%solution)	≥99%	99.9
Loss on drying	≤10%	7.5
Residue on ignition	≤20%	11.1
Bulk density	/	0.52
Heavy Metal	≤10ppm	Complies
Lead (Pb)	≤3ppm	Complies
Arsenic (As)	≤1ppm	Complies
Mercury (Hg)	≤0.1ppm	Complies
Cadmium (Cd)	≤1ppm	Complies
Total Plate Count	≤100cfu/g	Complies
Mold & Yeast	≤50cfu/g	Complies
Salmonella	Negative in 10g	Complies
E. Coli	Negative in 1g	Complies
Staphylococcus Aureus	Negative in 1g	Complies
Conclusion	The results meet the factory standard	
Shelf life	Three years	

新疆阜丰生物科技有限公司
XINJIANG FUFENG BIOTECHNOLOGIES CO., LTD.

包善元