



上海诺创生物科技有限公司

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CERTIFICATE OF ANALYSIS

Product Name: Hyaluronic Acid Grade: Food Grade (Middle molecular)
Batch Number: 20240131 Batch Quantity: 500KG
Manufacture Date: 2024-1-31 Expiry Date: 2026-1-30

ITEMS	SPECIFICATION	RESULTS
Appearance	White powder	White powder
Particle size	95% through 80 mesh	100%
Bulk density	/	0.59g/ml
Tapped density	/	0.88g/ml
Glucuronic acid	≥44.0%	46.2%
Hyaluronic acid	≥95.0%	95.51%
Solubility	Soluble in water	Conforms
Molecular weight	/	1.06*10 ⁶ daltons
Protein	≤0.1%	0.028%
Loss on drying (%)	≤10.0%	8.04%
pH(0.1% solution)	6.0-7.5	6.86
Dynamite viscosity	/	29.2mm ² /s
Transparency	≥99%	100%
Heavy metal	≤10ppm	Conforms
Lead (Pb)	≤3ppm	Conforms
Arsenic (As)	≤1ppm	Conforms
Cadmium (Cd)	≤0ppm	Conforms
Mercury (Hg)	≤0.1ppm	Conforms
Bacteria counts	≤1000cfu/g	Conforms
Molds & Yeasts	≤100cfu/g	Conforms
Staphylococcus aureus	Negative/10g	Negative/g
Escherichia coli	Negative/10g	Negative/g
Salmonella	Negative/10g	Negative/g
Conclusion	The results meet the standard.	
Storage	Store in cool & dry place, keep away from strong light and heat.	

Shawn
Analyst

Rick
Approved

Whip
Header of QC