

CERTIFICATE OF ANALYSIS

Product Name	Hyaluronic Acid		
Batch Number	20221029	Manufacture Date	20221029
Raw Material	Fermented		
Report Date	20221029	Expiry Date	20241028

Item of Analysis	Specification	Results
Appearance	White powder	White powder
Glucuronic Acid	≥44%	47.45%
Sodium Hyaluronate	≥91%	99.12%
Appearance of Solution (0.1% Water Solution)	A600nm≤0.01	Complied
Nucleic Acid	A260nm≤0.5	Complied
pH (0.1% Water Solution)	5.0-8.5	6.73
Molecular Weight	1300 K Da – 1800 K Da	1400 K Da
Protein	≤0.1%	0.02%
Loss on drying	≤10%	7.43%
Residue on Ignition	≤20.00 %	16.57%
Chlorides	≤0.5%	0.3%
Iron	≤80ppm	<80ppm
Heavy metal	≤10ppm	<10ppm
Arsenic	≤2ppm	<2ppm
Bacteria Count	≤100CFU/G	<100CFU/G
Molds & Yeast count	≤10CFU/g	<10CFU/g
Staphylococcus aureus	Negative	Negative
Pseudomonas aeruginosa	Negative	Negative
Hemolysis	Negative	Negative
Viable Hemolytical Streptococci	Negative	Negative

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay.

