



Product : Hyaluronic Acid
Batch No. : 2024032117
Mfg. Date : January 2024
Exp. Date : December 2028
Date of Sampling : 20-01-2024
Reporting Date : 30-01-2024

CERTIFICATE OF ANALYSIS

Item	Standard	Result
Appearance	White or almost white, very hygroscopic powder or fibrous aggregate	Complied
Solubility	Sparingly soluble or soluble in water, practically insoluble in acetone and in anhydrous ethanol	Complied
Identification	A. Infrared absorption spectrophotometry	Complied
	B. It gives reaction(a) of sodium	Complied
Sodium hyaluronate	≥95%	97.8%
Appearance of Solution	$A_{600\text{nm}} \leq 0.01$	Complied
Nucleic Acids	$A_{260\text{nm}} \leq 0.5$	Complied
pH	5.0-8.5	6.7
Molecular weight	Measured value	5000 Da
Intrinsic viscosity	Measured value	0.28dL/g
Protein	≤0.1%	0.02%
Loss on drying	≤10.0%	6.4%
Chlorides	≤0.5%	Complied
Iron	≤80ppm	<80ppm
TAMC	≤100CFU/g	Complied
Staphylococcus aureus	Negative/g	Negative
Pseudomonas aeruginosa	Negative/g	Negative



*This being a computer-generated document, does not require signature.

**This Certificate of Analysis provides typical values for this product. A COA specific to your order will be included with your material shipment.

