

Certificate of Analysis

Sodium Hyaluronate (Injection Grade)

CAS No.	9067-32-7	Code	BIOJSHI001
Batch No	25052711-I	Manufacture date	May.27, 2025
Expiry date	May.26, 2027	Quantity	100G

Testing Items	Specifications	Results
Appearance	White to almost white, hygroscopic powder or fibrous aggregate	Complies
Infrared absorption	Positive	Complies
Reaction of sodium	Positive	Complies
Appearance of solution	Clear, $A_{600nm} \leq 0.01$	Clear, $A_{600nm} = 0.001$
pH	5.0~8.5	6.6
Intrinsic viscosity	Actual value	$3.85m^3/kg$
Nucleic acids	$A_{260nm} \leq 0.5$	$A_{260nm} = 0.009$
Protein	$\leq 0.1\%$	0.032%
Chlorides	$\leq 0.5\%$	<0.5%
Loss on drying	$\leq 15\%$	12.20%
Iron	$\leq 80ppm$	<80ppm
Residual solvents(Ethanol)	$\leq 5000ppm$	67ppm
Assay	95.0%~105.0%	98.31%
Bacterial endotoxins	$\leq 0.05IU/mg$	<0.05IU/mg
Total bacterial count	$\leq 100cfu/g$	<20cfu/g
Yeasts & mold	$\leq 20cfu/g$	<20cfu/g
E. coli	Negative	Negative
Staph	Negative	Negative
Pseudomonas aeruginosa	Negative	Negative
Conclusion	This product conforms to EP11 standard	

***Storage condition: Light proof, cold storage 2~8°C and seal container.**