



# Guangzhou CLIM Co., Ltd

ROOM 801, BUILDING 2, NO. 51, XIANGSHAN ROAD, NINGXI STREET,  
ZENGCHENG DISTRICT, GUANGZHOU, CHINA

## Certificate of Analysis

Product Name: Sodium Hyaluronate (Food Grade)

Expiry Date: 2028-01-19


Specification: 1.0 MDa

Batch No.: RW250120-E2

Producing Date: 2025-01-20

ITEMS	SPECIFICATIONS	RESULTS	Testing Method
Assay (Glucuronic acid)	≥46.0%	46.85%	HPLC
Assay (Sodium hyaluronate)	≥95.0%	96.79%	HPLC
Solution transmittance (0.5% aq. sol., 25°C)	T550nm≥99.0%	99.98%	UV-VIS
Physical & Chemical Control			
Appearance	White or almost white powder	Complies	Visual
Average molecular weight	Measured Value	1*10 <sup>6</sup> Da	GC-MS
Sieve Analysis	NLT 98% pass 60 mesh	Complies	60mesh sieve
Loss on Drying	≤10%	4.56%	GB 5009.3-2016
pH (1% aq. sol., 25°C)	6.0~8.0	6.5	GB/T 603-2002
Intrinsic viscosity	Measured Value	0.0135dL/g	Viscosimeter
Kinematic viscosity	Measured Value	1.16mm <sup>2</sup> /s	Viscosimeter
Residue on ignition	≤13%	10.53%	GB5009.4-2016
Protein	≤0.05%	0.02%	Kjeldahl
Heavy metals	≤10ppm	Complies	ISO 17294 ICP/MS
As	≤2ppm	Complies	ISO 17294 ICP/MS
Pb	≤2ppm	Complies	ISO 17294 ICP/MS
Hg	≤0.1ppm	Complies	EN 13806 AAS
Cd	≤1.0ppm	Complies	ISO 17294 ICP/MS
Microbiological			
Total Plate Count	≤1000cfu/g	<500cfu/g	GB 4789.2
Yeast & Mould	≤100cfu/g	<100cfu/g	GB 4789.15
E.Coli	Negative	Complies	GB 4789.3
Salmonella	Negative	Complies	GB 4789.3-2016
Staphylococcus aureus	Negative	Complies	GB 4789.3-2016
Conclusion	Complies with QB/T 4576-2023 standard.		

Reported By: Quality Assurance Department  
Date: 2025-01-20

Approved By:   
Date: 2025-01-20

