

CERTIFICATE OF ANALYSIS

Product Name	Hyaluronic Acid (Food Grade)	CAS	9004-61-9
Batch Number	SOST2023121001	Manu. Date	Dec,10th, 2023
Batch Quantity	500KG	Expiration Date	Dec, 9th, 2025

Items	Specifications	Results
Appearance	White Powder	White powder
Glucuronic Acid	≥ 44.5%	46.85%
Hyaluronic Acid	≥ 92.0%	96.84%
PH	5.0~8.5	6.65
Particle Size	100% pass through 80 mesh	Complied
Transparency	≥99.0%	99.9%
Loss on drying	≤10.0%	8.28%
Protein	≤0.1%	0.040%
Molecular weight	(0.80---1.40) x 106 Dalton	1.20 x 106 Dalton
Residue on Ignition	≤20.00%	12.84%
Heavy metal(as Pb)	≤20ppm	<10ppm
Arsenic	<2ppm	<2ppm
Bacteria counts	≤100cfu/g	<10cfu/g
Molds & Yeas	≤50cfu/g	<10cfu/g
E.Coli	Negative/g	Negative/g
Salmonella	Negative/g	Negative/g
Staphylococcus aureus	Negative/g	Negative/g
Pseudomonas aeruginosa	Negative/g	Negative/g
Conclusion	Up to the EP9.0 standards	
Packing	25kg/paper drum ,Pack in paper-drums and two plastic-bags inside.	
Storage	Store in sealed containers at cool & dry place. Protect from light, moisture and pest infestation.	
Shelf life	2 years when properly stored	

QC MANAGER:Feng Li

ANALYST:Guo Shan

