



Changsha Sunnycare Inc

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CERTIFICATE OF ANALYSIS

Product name: Sodium Hyaluronate
Batch No.: 20250211
Production Date: Feb. 11th, 2025
CAS No.: 9067-32-7
Country of origin: China

Specification: Food grade
Raw Material: Fermented
Expiry Date: Feb. 10th, 2027
Material is sterile

Item	Standard	Result
Appearance	White powder	White powder
Glucuronic Acid	≥ 44%	47.03%
Sodium Hyaluronate	≥ 95%	97.23%
Appearance of Solution	A _{600nm} ≤ 0.01	Complied
Nucleic Acid	A _{260nm} ≤ 0.5	Complied
pH	5.0 - 8.5	6.8
Molecular Weight	0.8 - 1.2 Million Daltons	1.13 Million Daltons
Protein	≤ 0.1%	≤ 0.1%
Loss on drying	≤ 10%	9.1%
Residue on Ignition	≤ 20.00%	12.37%
Chlorides	≤ 0.5%	0.29%
Iron	≤ 80ppm	< 80ppm
Total Heavy Metal	≤ 10ppm	< 10ppm
Lead	≤ 3ppm	< 3ppm
Arsenic	≤ 2ppm	< 2ppm
Cadmium	≤ 1ppm	< 1ppm
Hg	≤ 0.1ppm	< 0.1ppm
Irradiation Status	Non Irradiated	Non Irradiated
Bacteria Count	≤ 100CFU/G	< 100CFU/G
Molds & Yeast	≤ 10CFU/G	< 10CFU/G
Staphylococcus aureus	Negative	Negative
Pseudomonas aeruginosa	Negative	Negative
Hemolysis	Negative	Negative
Viable Hemolytical Streptococci	Negative	Negative
Conclusion	Complied with EP8.0	
Shelf Life	Two Years	

QC: Liu Shehui

QA: Qin Shichun

