

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-08 09:25:04
Date of Next Testing: 2028-05-07 09:25:04
Product Name: **Sodium Hyaluronate**
CAS Number: 9067-32-7
Specifications & Purity:
Lot #: D2530355
SKU #: **S774025**
Version: **1**
Analysis #: **489439**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Glucuronic acid	≥46 (%)	48.18 %
Sodium Hyaluronat	95-100 (%)	99.61000 %
pH	5.0-8.5	6.50
Molecular weight	1000-2000 (KDa)	1620.00000 kDa
Protein Content	0-0.01 (%)	0.01 %
Loss on drying	0-10 (%)	7.90 %
Residue on Ignition	0-20 (%)	15.40000 %
Chloride (Cl-)	0-0.5 (%)	0.50 %
Heavy metals	0-10 (ppm)	10.00 ppm
Arsenic(As)	0-2 (ppm)	2.00000 ppm
Nitrogen	3-4 (%)	3.50 %
Bacteria counts	0-10 (cfu/g)	10.00000 cfu/g
Molds and yeasts	≤10 (cfu/g)	10.00000 cfu/g
Endotoxin Level	≤ 0.5 (EU/mg)	0.50000 EU/mg
Appearance(S774025)	White powder or Granule	White Powder or Granules
Solubility in Water	Pass	Pass
Appearance of Solution:A600nm≤ 0.01	pass	Pass
Nucleic Acid:A260nm≤ 0.5	pass	Pass
Staphylococcus Aureus	Negative	Negative
Pseudomonas Aeruginosa	Negative	Negative
Hemolysis	Negative	Negative
Viable Hemolytical Streptococci	Negative	Negative



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager