

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-14 16:22:48
Date of Next Testing: 2027-11-13 16:22:48
Product Name: **Hyaluronic acid (HA-TL)**
CAS Number: 9067-32-7
Specifications & Purity: 1% solution
Lot #: K2309076
SKU #: **H293509**
Version: **1**
Analysis #: **050260**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
PH	6-7.5	6.70
Dynamic viscosity	≥20000 (mPa·S)	21700.00000 mPa·S
Transmittance	97-100 (%)	99.80000 %
Heavy metals	0-2 (ppm)	1.30 ppm
Protein Content	0-0.002 (%)	0.00 %
bacterial count	<10 (cfu/g)	5.20 cfu/g
Glucuronic acid	≥4.5 (mg/ml)	4.80000 mg/ml
Molds and yeasts	<10 (cfu/g)	3.60000 cfu/g
Appearance(H293509)	Colorless to Light yellow clear liquid	Colorless to Light yellow clear liquid
Staphylococcus aureus	Not detected	Not detected
Pseudomonas aeruginosa	Not detected	Not detected



John Su
QA & QC Manager