

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-05 16:18:39

Date of Next Testing: 2028-12-04 16:18:39

Product Name: **Hyaluronic acid (HA-TLM)**

CAS Number: 9067-32-7

Specifications & Purity: 800KDa~1.0MDa

Lot #: L2403623

SKU #: **H293501**

Version: **1**

Analysis #: **438023**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
intrinsic viscosity	<17.3 (DL/G)	15.80000 DL/G
Heavy metals	0-20 (ppm)	12.01000 ppm
PH (0.10g/100ml water)	6.0-7.5	6.30000
Transmittance(0.5g/100ml water,550nm)	>99 (%)	99.90000 %
loss on drying(110°C,15min)	<10 (%)	5.90000 %
Appearance(H293501)	white to off white powder or Granule	white to off white powder or Granule
Infrared spectrum	Conforms to Structure	Conforms to Structure
ICP: Confirms Sodium Component	Confirmed	Confirmed



John Su
QA & QC Manager