

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-29 09:59:25

Date of Next Testing: 2028-07-28 09:59:25

Product Name:

Methacrylated Sodium Hyaluronate (HAMA)

CAS Number:

Specifications & Purity:

BioReagent, Molecular weight 340 kDa; Degree of substitution 25%-35%; Methacrylic acid residue ≤ 100 ppm

Lot #:

ZJ26F0737836

SKU #

M1518252

Version:

1

Analysis #:

038194

Parameter	Limit Value	Result
Loss on drying	$\leq 10(\%)$	9.60000 %
pH	5.0-7.5	6.50000
Intrinsic Viscosity	0.49-0.90(m ³ /kg)	0.84000 m ³ /kg
Methacrylate content	25-35(%)	26.00000 %
Ethanol residue	0-0.5(%)	0.01000 %
Bacterial colonies	$\leq 100(\text{cfu/g})$	50.00000 CFU/g
Molds and yeast colonies	$\leq 20(\text{cfu/g})$	10.00000 CFU/g
Appearance(M1518252)	White or almost white powder or fibrous aggregates, without any visible foreign matter	White or almost white powder or fibrous aggregates, without any visible foreign matter
Solution appearance	Clear	Clear
Seal Integrity Testing	Conform	Conform
Sodium Identification Test	Conform	Conform
Chlorides $\leq 0.5\%$	Conform	Conform
Methacrylic Acid Residue $\leq 0.1\%$	Conform	Conform
Staphylococcus aureus Not detected	Conform	Conform
Pseudomonas aeruginosa Not detected	Conform	Conform
Escherichia coli Not detected	Conform	Conform



Sophia Cheng
Quality Assurance