

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-17 16:57:20

Date of Next Testing: 2028-06-16 16:57:20

Product Name: **Methacrylated sodium alginate (AlgMA)**

CAS Number:

Specifications & Purity: BioReagent, Viscosity 20-100 mPa·s; Degree of substitution 10%-30%; Methacrylic acid residue ≤100 ppm

Lot #: ZJ26F0636564

SKU #: **M1518256**

Version: **1**

Analysis #: 034842

Parameter	Limit Value	Result
pH	5.0-7.0	6.60000
Kinematic Viscosity	20-100(mPa·s)	45.00000 mPa·s
Loss on drying	≤15(%)	3.40000 %
MA Content	10-30(%)	17.00000 %
Ethanol residue	≤0.5(%)	0.40000 %
Appearance(M1518256)	White to light brownish-yellow powder	White to light brownish-yellow powder
Clarity and color of the solution (OD _{600nm} ≤0.01)	Conform	Conform
Seal Integrity Testing	Conform	Conform
Methacrylic Acid Residue ≤0.01%	Conform	Conform
Heavy Metals ≤10 ppm	Conform	Conform



Sophia Cheng
Quality Assurance