

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-21 17:46:41

Date of Next Testing: 2028-04-20 17:46:41

Product Name: **Gelatin methacryloyl (GelMA)**

CAS Number:

Specifications & Purity: BioReagent, Gel strength 250 Bloom g; Degree of substitution 25%-35%; Methacrylic acid residue ≤100 ppm

Lot #: ZJ26F0434407

SKU #: **M1518248**

Version: **1**

Analysis #: 033033

Parameter	Limit Value	Result
Transmittance: 450nm	≥50(%)	52.00000 %
Transmittance: 620nm	≥70(%)	72.00000 %
Loss on drying	≤10(%)	7.40000 %
Gel strength	190-260(Bloom g)	226.20000 bloom g
Residue on Ignition	≤2(%)	0.10000 %
Dynamic Viscosity	6-12(mPa·s)	7.00000 mPa·s
Methacrylate (MA) content	25-35(%)	34.00000 %
Ethanol residue	0-1.5(%)	1.00000 %
pH	5.0-7.0	5.80000
Appearance(M1518248)	White or pale yellow powdery or granular solid, without any visible foreign matter	White or pale yellow powdery or granular solid, without any visible foreign matter
Solution Appearance	Clear solution	Clear solution
Seal Integrity Testing	Conform	Conform
Chlorides ≤0.5%	Conform	Conform
Peroxide must not show blue	Conform	Conform
Lead≤1.5ppm	Conform	Conform
Arsenic salts ≤1ppm	Conform	Conform
Residual Methacrylic Acid ≤ 0.01%	Conform	Conform
Total aerobic microbial count ≤1000cfu/g	Conform	Conform
Total yeast and mold count ≤100cfu/g	Conform	Conform
Escherichia coli Not detected	Conform	Conform
Salmonella Not detected	Conform	Conform



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A handwritten signature in black ink that reads "Sophia Cheng".

Sophia Cheng
Quality Assurance