

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-21 17:46:06

Date of Next Testing: 2028-04-20 17:46:06

Product Name:

Gelatin methacryloyl (GelMA)

CAS Number:

Specifications & Purity:

BioReagent, Gel strength 250 Bloom g; Degree of substitution 55%-65%; Methacrylic acid residue ≤100 ppm

Lot #:

ZJ26F0434408

SKU #

M1518249

Version:

1

Analysis #:

033034

Parameter	Limit Value	Result
Transmittance: 450nm	≥50(%)	54.00000 %
Transmittance: 620nm	≥70(%)	78.00000 %
Loss on drying	≤10(%)	5.90000 %
pH	5.0-7.5	6.80000
Gel strength	≥260(Bloom g)	262.00000 bloom g
Residue on Ignition	≤2(%)	0.10000 %
Dynamic Viscosity	6-12(mPa·s)	8.00000 mPa·s
Methacrylate (MA) content	55-65(%)	64.00000 %
Appearance(M1518249)	White or pale yellow freeze-dried solid, without any visible foreign matter	White or pale yellow freeze-dried 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
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