

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-12-30 17:00:30
Date of Next Testing:	2027-12-30 17:00:30
Product Name:	Gelatin Methacryloyl (GelMA)
CAS Number:	M775152
Specifications & Purity:	
Lot #:	ZJ25F1230748
SKU #	M775152
Version:	2
Analysis #:	028385

Parameter	Limit Value	Result
Transmittance: 450nm	≥50(%)	88.00000 %
Transmittance: 620nm	≥70(%)	96.00000 %
Loss on drying	≤10(%)	7.10000 %
pH	5.0-7.5	6.70000
Bloom Strength	190-260(Bloom g)	234.00000 bloom
Residue on Ignition	≤2(%)	0.10000 %
Dynamic Viscosity	6-12(mPa·s)	9.00000 mPa·s
Methacrylate (MA) Content	85-95(%)	88.00000 %
Residual Ethanol	≤1.5(%)	1.10000 %
Appearance(M775152)	White or light yellow powder or fibrous aggregates	White or light yellow powder or fibrous aggregates
Identification	Conform	Conform
Peroxides	No blue color should appear	No blue color should appear
Chloride≤ 0.5%	Conform	Conform
Lead≤1.5ppm	Conform	Conform
Arsenic salt≤ 1ppm	Conform	Conform
Residual Methacrylic Acid ≤ 0.01%	Conform	Conform
Escherichia coli	Not detected	Not Detected
Salmonella/10g	Not detected	Not Detected
Seal Integrity Testing	Conform	Conform
Total number of mold and yeast ≤100 cfu/g	Conform	Conform
Total aerobic bacteria count ≤1000 cfu/g	Conform	Conform



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

Sophia Cheng
Quality Assurance