

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-19 11:30:13  
Date of Next Testing: 2025-08-19 11:30:13  
Product Name: **GelMA**  
CAS Number:  
Specifications & Purity: Freezing strength 300g bloom, grafting rate 60%  
Lot #: J2327236  
SKU #: **M398240**  
Version: **1**  
Analysis #: **400807**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Degree of Amino Substitution	55-65 (%)	56.80000 %
Turbidity	≤30 (NTU)	3.30000 NTU
PH(5% in water)	6.5-7.5	7.10
Molecular Weight	100000-200000 (Da)	150000.00 Da
G' Storage modulus	0.6-1.2 (kPa)	1.10500 kPa
Phase transition temperature (cooling)	18.5-20.5 (°C)	19.10000 °C
Phase transition temperature (heating)	28.5-30.5 (°C)	29.20000 °C
Appearance(M398240)	White sponge	White sponge
Cytotoxicity test(Cell viability≥95%)	Pass	Pass



John Su  
QA & QC Manager