

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-26 11:05:46

Date of Next Testing: 2027-03-26 11:05:46

Product Name: **GeIMA**

CAS Number:

Specifications & Purity: Freezing strength 300g bloom, grafting rate 60%

Lot #: C2613370

SKU #: **M398240**

Version: **1**

Analysis #: **664625**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Degree of Amino Substitution	55-65 (%)	62.00000 %
Turbidity	≤30 (NTU)	20.00000 NTU
PH(5% in water)	6.5-7.5	6.80000
Molecular Weight	100000-200000 (Da)	123000.00000 Da
G' Storage modulus	0.6-1.2 (kPa)	1.19000 kPa
Phase transition temperature (cooling)	15-20.5 (°C)	16.00000 °C
Phase transition temperature (heating)	27-30.5 (°C)	28.00000 °C
Appearance(M398240)	White sponge	White sponge
Cytotoxicity test(Cell viability≥95%)	Pass	Pass



John Su
QA & QC Manager