

Certificate of Analysis

Date of Testing: 2022-11-22 19:23:08
Date of Next Testing: 2023-11-22 19:23:08
Product Name: **GelMA**
CAS Number:
Specifications & Purity: Freezing strength 300g bloom, grafting rate 60%
Lot #: K22181001
SKU #: **M398240**
Analysis: **149616**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Degree of Amino Substitution	55-65 (%)	57.00000 %
Turbidity	≤30 (NTU)	3.40000 NTU
PH(5% in water)	6.5-7.5	7.20
Molecular Weight	100000-200000 (Da)	150000.00 Da
G' Storage modulus	0.6-1.2 (kPa)	1.10700 kPa
Phase transition temperature (cooling)	18.5-20.5 (°C)	19.20000 °C
Phase transition temperature (heating)	28.5-30.5 (°C)	29.30000 °C
Appearance(M398240)	White sponge	White sponge
Cytotoxicity test(Cell viability≥95%)	Pass	Pass



John Su
QA & QC Manager