

Certificate of Analysis

Date of Testing: 2022-09-14 10:21:35
Date of Next Testing: 2023-09-14 10:21:35
Product Name: **GelMA**
CAS Number:
Specifications & Purity: Freezing strength 300g bloom, grafting rate 60%
Lot #: I2206041
SKU #: **M398240**
Analysis: **050474**
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|--|--------------------|--------------|
| Degree of Amino Substitution | 55-65 (%) | 61.70000 % |
| Turbidity | ≤30 (NTU) | 3.30000 NTU |
| PH(5% in water) | 6.5-7.5 | 7.40 |
| Molecular Weight | 100000-200000 (Da) | 150000.00 Da |
| G' Storage modulus | 0.6-1.2 (kPa) | 1.00000 kPa |
| Phase transition temperature (cooling) | 18.5-20.5 (°C) | 18.50000 °C |
| Phase transition temperature (heating) | 28.5-30.5 (°C) | 28.80000 °C |
| Cytotoxicity test(Cell viability≥95%) | Pass | Pass |
| Appearance(M398240) | White sponge | White sponge |



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QA & QC Manager