

## Certificate of Analysis

Date of Testing: 2024-05-15 11:42:01  
Date of Next Testing: 2025-05-15 11:42:01  
Product Name: **Methacrylated Alginate**  
CAS Number:  
Specifications & Purity: Methacrylation 20%-30% , molecular weight is about 50KDa  
Lot #: D2126301  
SKU #: **M301775**  
**Analysis:** **358146**  
Storage Temperature: Protected from light,Store at -20°C

Parameter	Limit Values	Result
Degree of substitution	25-35 (%)	26.86 %
Molecular Weight* (MW)	50000-60000	50001.28
PH(4% Water)	6.5-7.5	6.90
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(M301775)	White spongy solid	White spongy solid



John Su  
QA & QC Manager