

Certificate of Analysis

Date of Testing: 2022-11-16 09:55:13
Date of Next Testing: 2023-11-16 09:55:13
Product Name: **Methacrylated Alginate**
CAS Number:
Specifications & Purity: Methacrylation 20%-30% , molecular weight is about 50KDa
Lot #: D2126300
SKU #: **M301775**
Analysis: **155884**
Storage Temperature: Protected from light,Store at -20°C

Parameter	Limit Values	Result
Degree of substitution	25-35 (%)	27.86 %
PH(5% in water)	6.5-7.5	7.06
Molecular Weight* (MW)	50000-60000	50001.30
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(M301775)	White spongy solid	White spongy solid



John Su
QA & QC Manager