

## Certificate of Analysis

Date of Testing: 2024-10-14 11:01:43  
Date of Next Testing: 2025-10-14 11:01:43  
Product Name: **Heparin Methacrylate**  
CAS Number:  
Specifications & Purity: Degree of substitution: 20% - 30%  
Lot #: D23031250  
SKU #: **M301780**  
Version: **4**  
Analysis #: **419222**  
Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Solubility in water(5%-10%,W/V, 37°C)	$\leq 10$ (Min)	9.20000 Min
Methylallyl group content(mmol/g)	0.3-0.5 (mmol/g)	0.30000 mmol/g
pH(1% HepMA in normal saline , 25°C)	6.5-8.5	6.54000
Appearance (M301780)	white solid , spongy or granular powder	white solid , spongy or granular powder



John Su  
QA & QC Manager