

## Certificate of Analysis

Date of Testing: 2023-03-24 19:08:11  
Date of Next Testing: 2026-03-23 19:08:11  
Product Name: [2-(Methacryloyloxy)ethyl]dimethyl-(3-sulfopropyl)  
CAS Number: 3637-26-1  
Specifications & Purity:  $\geq 97\%$   
Lot #: C2320229  
SKU #: M164461  
Analysis: 195978

Parameter	Limit Values	Result
Sulfur by Elemental Analysis	11-11.9 (%)	11.36 %
Carbon by Elemental Analysis	45.6-48.9 (%)	46.80 %
Purity(HPLC)	97-100 (%)	99.91000 %
Nitrogen by Elemental Analysis	4.7-5.2 (%)	4.90 %
Appearance (M164461)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless Clear , 25mg/ml, H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager