

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-14 13:23:30  
Date of Next Testing: 2028-11-13 13:23:30  
Product Name: [2-(Methacryloyloxy)ethyl]dimethyl-(3-sulfopropyl) (SPE)  
CAS Number: 3637-26-1  
Specifications & Purity:  $\geq 97\%$   
Lot #: B2315549  
SKU #: M164461  
Version: 0  
Analysis #: 602470

Parameter	Limit Values	Result
Sulfur by Elemental Analysis	11-11.9 (%)	11.50 %
Carbon by Elemental Analysis	45.6-48.9 (%)	48.00 %
Purity(HPLC)	97-100 (%)	97.24000 %
Nitrogen by Elemental Analysis	4.7-5.2 (%)	5.00 %
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