

## Certificate of Analysis

Date of Testing: 2024-04-28 14:20:51  
Date of Next Testing: 2028-04-27 14:20:51  
Product Name: **Sodium 1-heptanesulfonate**  
CAS Number: 22767-50-6  
Specifications & Purity: for ion chromatography, >98.0%(T)  
Lot #: D2417472  
SKU #: **S104934**  
Analysis: **339779**

Parameter	Limit Values	Result
Purity(Ion exchange titration)	98-102 (%)	99.98 %
UV Absorbance 230nm(10 % in H2O)	0-0.04	0.02
UV Absorbance 210nm(10 % in H2O)	0-0.1	0.04
Loss on drying	0-2 (%)	0.58 %
UV Absorbance 220nm(10 % in H2O)	0-0.06	0.03
UV Absorbance 260nm(10 % in H2O)	0-0.02	0.01
UV Absorbance 500nm(10 % in H2O)	0-0.02	0.00
Appearance (S104934)	White Powder or Crystals	White Powder or Crystals
Membrane filtration test( 0.5 M sol)	Passes test	Passes test
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Suitability for HPLC-analysis	pass test	pass test



John Su  
QA & QC Manager