

## Certificate of Analysis

Date of Testing: 2022-08-18 10:59:40  
Date of Next Testing: 2026-08-17 10:59:40  
Product Name: **Sodium 1-heptanesulfonate**  
CAS Number: 22767-50-6  
Specifications & Purity: for ion chromatography, >98.0%(T)  
Lot #: H2216196  
SKU #: **S104934**  
Analysis: **119712**

Parameter	Limit Values	Result
UV Absorbance 230nm(10 % in H2O)	0-0.04	0.02
UV Absorbance 210nm(10 % in H2O)	0-0.1	0.05
Loss on drying	0-2 (%)	0.00 %
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
Purity(Ion exchange titration)	98-102 (%)	99.33 %
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