

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-21 11:44:41  
Date of Next Testing: 2030-01-20 11:44:41  
Product Name: **Sodium 1-heptanesulfonate**  
CAS Number: 22767-50-6  
Specifications & Purity: for ion pair chromatography,  $\geq 98\%$ (T)  
Lot #: A2616632  
SKU #: **S104934**  
Version: **0**  
Analysis #: **647134**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Ion exchange titration)	98-102 (%)	100.13 %
UV Absorbance 230nm(10 % in H <sub>2</sub> O)	0-0.04	0.03
UV Absorbance 210nm(10 % in H <sub>2</sub> O)	0-0.1	0.05
Loss on drying	0-2 (%)	0.00 %
UV Absorbance 220nm(10 % in H <sub>2</sub> O)	0-0.06	0.04
UV Absorbance 260nm(10 % in H <sub>2</sub> O)	0-0.02	0.02
UV Absorbance 500nm(10 % in H <sub>2</sub> O)	0-0.02	0.01
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