

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-03 15:05:39
Date of Next Testing: 2029-12-02 15:05:39
Product Name: **Sodium 1-heptanesulfonate**
CAS Number: 22767-50-6
Specifications & Purity: for ion pair chromatography, $\geq 98\%$ (T)
Lot #: L2502620
SKU #: **S104934**
Version: **0**
Analysis #: **613154**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Ion exchange titration)	98-102 (%)	99.54%
UV Absorbance 230nm(10 % in H ₂ O)	0-0.04	0.03
UV Absorbance 210nm(10 % in H ₂ O)	0-0.1	0.09
Loss on drying	0-2 (%)	0.27%
UV Absorbance 220nm(10 % in H ₂ O)	0-0.06	0.06
UV Absorbance 260nm(10 % in H ₂ O)	0-0.02	0.02
UV Absorbance 500nm(10 % in H ₂ 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