

Certificate of Analysis

Date of Testing: 2025-02-27 15:19:53

Date of Next Testing: 2029-02-26 15:19:53

Product Name: **Sodium 1-heptanesulfonate**

CAS Number: 22767-50-6

Specifications & Purity: for ion pair chromatography, $\geq 98\%$ (T)

Lot #: B2521581

SKU #: **S104934**

Version **0**

Analysis #: **473328**

Parameter	Limit Values	Result
Purity(Ion exchange titration)	98-102 (%)	98.14 %
UV Absorbance 230nm(10 % in H ₂ O)	0-0.04	0.02
UV Absorbance 210nm(10 % in H ₂ O)	0-0.1	0.07
Loss on drying	0-2 (%)	1.05 %
UV Absorbance 220nm(10 % in H ₂ O)	0-0.06	0.04
UV Absorbance 260nm(10 % in H ₂ O)	0-0.02	0.01
UV Absorbance 500nm(10 % in H ₂ O)	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