

Certificate of Analysis

Date of Testing: 2023-09-06 10:55:38
Date of Next Testing: 2027-09-05 10:55:38
Product Name: **Sodium 1-heptanesulfonate**
CAS Number: 22767-50-6
Specifications & Purity: for ion chromatography, >98.0%(T)
Lot #: I2305498
SKU #: **S104934**
Analysis: **268579**

Parameter	Limit Values	Result
Purity(Ion exchange titration)	98-102 (%)	99.97%
UV Absorbance 230nm(10 % in H2O)	0-0.04	0.04
UV Absorbance 210nm(10 % in H2O)	0-0.1	0.09
Loss on drying	0-2 (%)	0.12 %
UV Absorbance 220nm(10 % in H2O)	0-0.06	0.05
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