

Certificate of Analysis

Date of Testing: 2024-11-11 14:28:10
Date of Next Testing: 2028-11-10 14:28:10
Product Name: **Sodium 1-heptanesulfonate**
CAS Number: 22767-50-6
Specifications & Purity: for ion pair chromatography, $\geq 98\%$ (T)
Lot #: K2404517
SKU #: **S104934**
Version: **0**
Analysis #: **426760**

Parameter	Limit Values	Result
Purity(Ion exchange titration)	98-102 (%)	99.55 %
UV Absorbance 230nm(10 % in H ₂ O)	0-0.04	0.03
UV Absorbance 210nm(10 % in H ₂ O)	0-0.1	0.06
Loss on drying	0-2 (%)	1.80 %
UV Absorbance 220nm(10 % in H ₂ O)	0-0.06	0.04
UV Absorbance 260nm(10 % in H ₂ O)	0-0.02	0.02
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
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