

Certificate of Analysis

Date of Testing:	2024-03-22 16:34:01
Date of Next Testing:	2028-03-21 16:34:01
Product Name:	Sodium 1-heptanesulfonate monohydrate
CAS Number:	207300-90-1
Specifications & Purity:	99% , Reagent for Ion-Pair Chromatography
Lot #:	C2420254
SKU #	S189072
Analysis:	326670
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
UV Absorbance 230nm(10 % in H2O)	0-0.04	0.04
UV Absorbance 260nm(10 % in H2O)	0-0.02	0.02
Purity(Ion exchange titration)	99-101 (%)	99.65 %
UV Absorbance 500nm(10 % in H2O)	0-0.02	0.01
UV Absorbance 220nm(10 % in H2O)	0-0.06	0.05
UV Absorbance 210nm(10 % in H2O)	0-0.1	0.09
Water	7.9-8.4 (%)	8.13 %
Carbon	37.02-38.93 (%)	37.79 %
Hydrogen	7.55-7.93 (%)	7.85 %
Suitability for HPLC-analysis	pass test	pass test
Appearance (S189072)	Colorless or White Powder or Crystals or Flakes	Colorless or White Powder or Crystals or Flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager