

## Certificate of Analysis

Date of Testing: 2023-02-20 16:46:23  
 Date of Next Testing: 2027-02-19 16:46:23  
 Product Name: **Sodium 1-heptanesulfonate monohydrate**  
 CAS Number: 207300-90-1  
 Specifications & Purity: 99% , Reagent for Ion-Pair Chromatography  
 Lot #: B2315673  
 SKU #: **S189072**  
**Analysis:** **183561**  
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
UV Absorbance 230nm(10 % in H2O)	0-0.04	0.03
UV Absorbance 260nm(10 % in H2O)	0-0.02	0.02
Purity(Ion exchange titration)	99-101 (%)	99.50%
UV Absorbance 500nm(10 % in H2O)	0-0.02	0.00
UV Absorbance 220nm(10 % in H2O)	0-0.06	0.05
UV Absorbance 210nm(10 % in H2O)	0-0.1	0.10
Water	7.9-8.4 (%)	8.00%
Carbon	37.02-38.93 (%)	38.16%
Hydrogen	7.55-7.93 (%)	7.72%
Infrared spectrum	Conforms to Structure	Conforms to Structure
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



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ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager