

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-22 17:04:22  
Date of Next Testing: 2029-09-21 17:04:22  
Product Name: **Sodium 1-heptanesulfonate monohydrate**  
CAS Number: 207300-90-1  
Specifications & Purity: for ion pair chromatography, ≥99%  
Lot #: I2518505  
SKU #: **S189072**  
Version: **1**  
Analysis #: **565817**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
UV Absorbance 230nm(10 % in H2O)	0-0.04	0.02
Water	7.9-8.4 (%)	8.22 %
Carbon	37.02-38.93 (%)	37.69 %
UV Absorbance 260nm(10 % in H2O)	0-0.02	0.01
Purity(Ion exchange titration)	99-101 (%)	99.27 %
UV Absorbance 500nm(10 % in H2O)	0-0.02	0.00
UV Absorbance 220nm(10 % in H2O)	0-0.06	0.03
UV Absorbance 210nm(10 % in H2O)	0-0.1	0.05
Hydrogen	7.55-7.93 (%)	7.56 %
Appearance (S189072)	Colorless or White Powder or crystalline flakes or chunks	Colorless or White Powder or crystalline flakes or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Suitability for HPLC-analysis	pass test	pass test



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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