

## Certificate of Analysis

Date of Testing:	2023-09-14 09:57:07
Date of Next Testing:	2027-09-13 09:57:07
Product Name:	<b>Sodium 1-heptanesulfonate monohydrate</b>
CAS Number:	207300-90-1
Specifications & Purity:	99% , Reagent for Ion-Pair Chromatography
Lot #:	I2308097
SKU #	<b>S189072</b>
<b>Analysis:</b>	<b>270113</b>
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
UV Absorbance 230nm(10 % in H2O)	0-0.04	0.04
Water	7.9-8.4 (%)	8.13 %
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
Carbon	37.02-38.93 (%)	38.06 %
Hydrogen	7.55-7.93 (%)	7.84 %
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
Suitability for HPLC-analysis	pass test	pass test



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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