

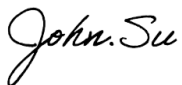
ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-03 15:16:22  
Date of Next Testing: 2029-12-02 15:16:22  
Product Name: **Sodium 1-heptanesulfonate**  
CAS Number: 22767-50-6  
Specifications & Purity: for ion pair chromatography,  $\geq 98\%$ (T)  
Lot #: L2502618  
SKU #: **S104934**  
Version: **0**  
Analysis #: **613154**  
Storage Temperature: Room temperature, Argon charged

| Parameter                                     | Limit Values             | Result                   |
|---|--------------------------|--------------------------|
| Purity(Ion exchange titration)                | 98-102 (%)               | 99.54%                   |
| UV Absorbance 230nm(10 % in H <sub>2</sub> O) | 0-0.04                   | 0.03                     |
| UV Absorbance 210nm(10 % in H <sub>2</sub> O) | 0-0.1                    | 0.09                     |
| Loss on drying                                | 0-2 (%)                  | 0.27%                    |
| UV Absorbance 220nm(10 % in H <sub>2</sub> O) | 0-0.06                   | 0.06                     |
| UV Absorbance 260nm(10 % in H <sub>2</sub> O) | 0-0.02                   | 0.02                     |
| UV Absorbance 500nm(10 % in H <sub>2</sub> 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  
QA & QC Manager