

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-10 10:09:21  
 Date of Next Testing: 2026-08-09 10:09:21  
 Product Name: **Sodium 1-decanesulfonate**  
 CAS Number: 13419-61-9  
 Specifications & Purity: for Ion pair chromatography ,  $\geq 99.0\%$   
 Lot #: H2205358  
 SKU #: **S100284**  
**Analysis:** **123509**  
 Storage Temperature: Argon charged, Desiccated

| Parameter   | Limit Values                          | Result                                |
|---|---------------------------------------|---------------------------------------|
| UV Absorbance 220nm   | 0-0.03                                | 0.03                                  |
| UV Absorbance 210nm   | 0-1                                   | 0.07                                  |
| Loss on drying  | 0-1 (%)                               | 0.00 %                                |
| UV Absorbance 230nm   | 0-0.02                                | 0.02                                  |
| UV Absorbance 260nm   | 0-0.02                                | 0.01                                  |
| Purity(Ion exchange titration)                                      | 99-100 (%)                            | 99.87 %                               |
| UV Absorbance 500nm   | 0-0.02                                | 0.00                                  |
| Appearance (S100284)  | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum   | Conforms to Structure                 | Conforms to Structure                 |
| Solubility in H <sub>2</sub> O , Colorless and clear(10%,hot water) | pass                                  | Pass                                  |
| $\lambda$ ,5% in H <sub>2</sub> O                                   | Pass                                  | Pass                                  |



John Su  
QA & QC Manager