

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-22 14:12:45
Date of Next Testing: 2028-07-21 14:12:45
Product Name: **Sodium 1-decanesulfonate**
CAS Number: 13419-61-9
Specifications & Purity: for Ion pair chromatography , $\geq 99.0\%$
Lot #: G2419615
SKU #: **S100284**
Version: **0**
Analysis #: **391461**
Storage Temperature: Argon charged, Desiccated

| Parameter | Limit Values | Result |
|---|---------------------------------------|---------------------------------------|
| UV Absorbance 220nm | 0-0.03 | 0.01 |
| UV Absorbance 210nm | 0-1 | 0.09 |
| Loss on drying | 0-1 (%) | 0.00 % |
| UV Absorbance 230nm | 0-0.02 | 0.01 |
| UV Absorbance 260nm | 0-0.02 | 0.01 |
| Purity(Ion exchange titration) | 99-100 (%) | 99.00 % |
| 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 ₂ O , Colorless and clear(10%,hot water) | pass | Pass |
| λ ,5% in H ₂ O | Pass | Pass |



John Su
QA & QC Manager