

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-12 16:11:13  
Date of Next Testing: 2027-12-11 16:11:13  
Product Name: **Sodium 1-decanesulfonate**  
CAS Number: 13419-61-9  
Specifications & Purity: for Ion pair chromatography ,  $\geq 99.0\%$   
Lot #: L2308375  
SKU #: **S100284**  
**Analysis:** **304157**  
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 (%)	0.52 %
UV Absorbance 230nm	0-0.02	0.02
UV Absorbance 260nm	0-0.02	0.01
Purity(Ion exchange titration)	99-100 (%)	99.46 %
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