

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-29 17:28:11
 Date of Next Testing: 2027-03-28 17:28:11
 Product Name: **Sodium 1-decanesulfonate**
 CAS Number: 13419-61-9
 Specifications & Purity: for Ion pair chromatography , ≥99.0%
 Lot #: C23241507
 SKU #: **S100284**
Analysis: **204597**
 Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
UV Absorbance 220nm	0-0.03	0.02
UV Absorbance 210nm	0-1	0.04
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 (%)	99.01 %
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