

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-12 16:01:37
Date of Next Testing: 2027-12-11 16:01:37
Product Name: **Sodium 1-decanesulfonate**
CAS Number: 13419-61-9
Specifications & Purity: for Ion pair chromatography , $\geq 99.0\%$
Lot #: L2308376
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 ₂ O , Colorless and clear(10%,hot water)	pass	Pass
λ ,5% in H ₂ O	Pass	Pass



John Su
QA & QC Manager