

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-23 16:25:28  
Date of Next Testing: 2027-10-22 16:25:28  
Product Name: **Sodium 1-decanesulfonate**  
CAS Number: 13419-61-9  
Specifications & Purity: 98%  
Lot #: L1926127  
SKU #: **S100285**  
**Analysis:** **288478**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sodium (Na)(anhydrous)	8.9-9.9 (%)	9.85 %
Purity(HPLC)	98-100 (%)	98.16000 %
Water by Karl Fischer	0-2 (%)	1.63 %
Carbon by Elemental Analysis(anhydrous)	48-50.2 (%)	49.99 %
Appearance (S100285)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless and clear(200 mg plus 4 ml of H <sub>2</sub> O)	pass	Pass



John Su  
QA & QC Manager