

## Certificate of Analysis

Date of Testing: 2025-03-05 11:49:44  
Date of Next Testing: 2029-03-04 11:49:44  
Product Name: **Sodium 1-decanesulfonate**  
CAS Number: 13419-61-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: C2503243  
SKU #: **S100285**  
Version: **0**  
Analysis #: **473503**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.81600%
Water by Karl Fischer	0-2 (%)	0.98 %
Carbon by Elemental Analysis(anhydrous)	48-50.2 (%)	48.55 %
Sodium (Na)(anhydrous)	8.9-9.9 (%)	8.90 %
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