

Certificate of Analysis

Date of Testing: 2023-02-17 07:36:57
Date of Next Testing: 2027-02-16 07:36:57
Product Name: **Sodium 1-decanesulfonate**
CAS Number: 13419-61-9
Specifications & Purity: 98%
Lot #: B2310387
SKU #: **S100285**
Analysis: 190969
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sodium (Na)(anhydrous)	8.9-9.9 (%)	9.87 %
Purity(HPLC)	98-100 (%)	98.16200 %
Water by Karl Fischer	0-2 (%)	1.63 %
Carbon by Elemental Analysis(anhydrous)	48-50.2 (%)	50.00 %
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 ₂ O , Colorless and clear(200 mg plus 4 ml of H ₂ O)	pass	Pass



John Su
QA & QC Manager