

Certificate of Analysis

Date of Testing: 2023-11-20 16:56:19
Date of Next Testing: 2027-11-19 16:56:19
Product Name: **Sodium 1-hexanesulfonate**
CAS Number: 2832-45-3
Specifications & Purity: 98%
Lot #: K2307136
SKU #: **S104947**
Analysis: **283424**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Ion exchange titration)	98-100 (%)	98.01%
Sodium (Na)(anhydrous)	11.6-12.9 (%)	11.61%
Water by Karl Fischer	0-2 (%)	1.23%
Carbon by Elemental Analysis(anhydrous)	37.5-39.1 (%)	37.63%
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (S104947)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Solubility in H ₂ O , Colorless, clear to slightly hazy,100 mg/ml	pass	Pass



John Su
QA & QC Manager