

## Certificate of Analysis

Date of Testing: 2023-11-20 16:58:42  
Date of Next Testing: 2027-11-19 16:58:42  
Product Name: **Sodium 1-hexanesulfonate**  
CAS Number: 2832-45-3  
Specifications & Purity: 98%  
Lot #: K2307190  
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 <sub>2</sub> O , Colorless, clear to slightly hazy,100 mg/ml	pass	Pass



John Su  
QA & QC Manager