

## Certificate of Analysis

Date of Testing: 2022-07-21 16:21:03  
Date of Next Testing: 2026-07-20 16:21:03  
Product Name: **Sodium 1-heptanesulfonate**  
CAS Number: 22767-50-6  
Specifications & Purity: 98%  
Lot #: G2219237  
SKU #: **S104933**  
**Analysis: 116338**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	40.5-42.6 (%)	40.84 %
Water by Karl Fischer	0-2 (%)	0.76 %
Sodium (Na)(anhydrous)	10.8-12 (%)	10.91 %
Purity(Ion exchange titration)	97.5-102.5 (%)	98.93 %
Appearance (S104933)	white powder	White powder
Solubility in H <sub>2</sub> O , clear colorless , 100mg/ml in water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager