

## Certificate of Analysis

Date of Testing: 2024-10-08 17:05:16  
Date of Next Testing: 2028-10-07 17:05:16  
Product Name: **Sodium 1-heptanesulfonate**  
CAS Number: 22767-50-6  
Specifications & Purity: 98%  
Lot #: 12429199  
SKU #: **S104933**  
Version: **3**  
Analysis #: **410028**  
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 (%)	1.63%
Purity(dry basis) (Ion exchange titration)	97.5-102.5 (%)	100.39%
Sodium (Na)(anhydrous)	10.8-12 (%)	10.81%
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



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QA & QC Manager