

## Certificate of Analysis

Date of Testing: 2024-11-12 10:00:20  
Date of Next Testing: 2028-11-11 10:00:20  
Product Name: **Sodium 1-pentanesulfonate**  
CAS Number: 22767-49-3  
Specifications & Purity:  $\geq 98\%$   
Lot #: K2406376  
SKU #: **S104953**  
Version: **0**  
Analysis #: **427595**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	2.03 %
Purity(Ion exchange titration)	98-102 (%)	99.12 %
Appearance (S104953)	White powder to crystal	White powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency



John Su  
QA & QC Manager