

## Certificate of Analysis

Date of Testing: 2024-03-11 10:08:02  
Date of Next Testing: 2028-03-10 10:08:02  
Product Name: **Sodium 1-pentanesulfonate**  
CAS Number: 22767-49-3  
Specifications & Purity: 98%  
Lot #: C2407342  
SKU #: **S104953**  
**Analysis:** **323606**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	1.31 %
Purity(Ion exchange titration)	98-102 (%)	100.56 %
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