

## Certificate of Analysis

Date of Testing: 2023-11-03 09:26:30  
Date of Next Testing: 2027-11-02 09:26:30  
Product Name: **Sodium 1-pentanesulfonate**  
CAS Number: 22767-49-3  
Specifications & Purity: 98%  
Lot #: J2327726  
SKU #: **S104953**  
**Analysis:** **279574**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	1.15 %
Purity(Ion exchange titration)	98-102 (%)	98.68 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency
Appearance (S104953)	White powder to crystal	White powder to crystal



John Su  
QA & QC Manager