

## Certificate of Analysis

Date of Testing: 2023-07-11 16:42:22  
Date of Next Testing: 2027-07-10 16:42:22  
Product Name: **Sodium 1-pentanesulfonate**  
CAS Number: 22767-49-3  
Specifications & Purity: 98%  
Lot #: G2305874  
SKU #: **S104953**  
**Analysis:** **236261**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Ion exchange titration)	98-102 (%)	99.00%
Water by Karl Fischer	0-3 (%)	1.51%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency
Appearance (S104953)	White powder	White powder



John Su  
QA & QC Manager