

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2021-12-17 16:44:08  
Date of Next Testing: 2025-12-16 16:44:08  
Product Name: **Sodium 1-pentanesulfonate**  
CAS Number: 22767-49-3  
Specifications & Purity:  $\geq 98\%$   
Lot #: L2111034  
SKU #: **S104953**  
Version: **0**  
Analysis #: **049964**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	1.34 %
Purity(Ion exchange titration)	98-102 (%)	98.96 %
Appearance (S104953)	White powder	White powder
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