

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-31 16:40:53  
Date of Next Testing: 2027-10-30 16:40:53  
Product Name: **Sodium 1-heptanesulfonate**  
CAS Number: 22767-50-6  
Specifications & Purity: 98%  
Lot #: J2323590  
SKU #: **S104933**  
**Analysis:** **277491**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	40.5-42.6 (%)	41.16%
Water by Karl Fischer	0-2 (%)	1.07%
Purity(dry basis) (Ion exchange titration)	97.5-102.5 (%)	97.51%
Sodium (Na)(anhydrous)	10.8-12 (%)	10.81%
Appearance (S104933)	white powder	White powder
Solubility in H <sub>2</sub> O , clear colorless , 100mg/ml in water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager