

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-02 16:32:00
Date of Next Testing: 2028-12-01 16:32:00
Product Name: **Sodium 1-heptanesulfonate**
CAS Number: 22767-50-6
Specifications & Purity: $\geq 98\%$
Lot #: K2426622
SKU #: **S104933**
Version: **3**
Analysis #: **433753**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Carbon by Elemental Analysis(anhydrous) | 40.5-42.6 (%) | 40.91 % |
| Water by Karl Fischer | 0-2 (%) | 1.90 % |
| Purity(dry basis) (Ion exchange titration) | 97.5-102.5 (%) | 100.85 % |
| Sodium (Na)(anhydrous) | 10.8-12 (%) | 10.82 % |
| Appearance (S104933) | white powder | White powder |
| Solubility in H ₂ O , clear colorless , 100mg/ml in water | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager