

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-28 12:11:05  
Date of Next Testing: 2027-08-27 12:11:05  
Product Name: **Sodium 1-hexanesulfonate**  
CAS Number: 2832-45-3  
Specifications & Purity: 98%  
Lot #: H2322616  
SKU #: **S104947**  
**Analysis:** **252029**  
Storage Temperature: Argon charged

| Parameter  | Limit Values                                    | Result  |
|--|---|---|
| Purity(Ion exchange titration)   | 98-100 (%)                                      | 99.15 %   |
| Water by Karl Fischer  | 0-2 (%)   | 0.75 %  |
| Carbon by Elemental Analysis(anhydrous)                                      | 37.5-39.1 (%)                                   | 37.60 %   |
| Sodium (Na)(anhydrous)   | 11.6-12.9 (%)                                   | 11.61 %   |
| Appearance (S104947)   | White to Off-White Powder or Solid<br>or Chunks | White to Off-White Powder or Solid<br>or Chunks |
| Solubility in H <sub>2</sub> O , Colorless, clear to slightly hazy,100 mg/ml | pass  | Pass  |
| Infrared spectrum  | Conforms to Structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager