

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-22 16:26:37  
Date of Next Testing: 2028-04-21 16:26:37  
Product Name: **Sodium 1-octanesulfonate**  
CAS Number: 5324-84-5  
Specifications & Purity: 98%  
Lot #: D2410341  
SKU #: **S108926**  
**Analysis:** **349190**  
Storage Temperature: Argon charged

| Parameter  | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Sodium (Na)(anhydrous)                                     | 10.1-11.1 (%)         | 10.20 %               |
| Carbon by Elemental Analysis(anhydrous)                    | 43.5-45.3 (%)         | 43.70 %               |
| Water by Karl Fischer                                      | 0-2 (%)               | 1.64 %                |
| Purity(HPLC)   | 98-100 (%)            | 98.73000 %            |
| Appearance (S108926)                                       | white powder          | White powder          |
| Proton NMR spectrum  | Conforms to Structure | Conforms to Structure |
| Solubility in H <sub>2</sub> O , Colorless Clear 100 mg/ml | pass                  | Pass                  |



John Su  
QA & QC Manager