

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-25 09:25:35

Date of Next Testing: 2030-04-24 09:25:35

Product Name: **Sodium dodecyl sulfate(SDS)**

CAS Number: 151-21-3

Specifications & Purity: AR, ≥92.5%

Lot #: D2615570

SKU #: **S108347**

Version: **2**

Analysis #: **681550**

Storage Temperature: Room temperature,Desiccated,Cool

| Parameter                                                          | Limit Values                          | Result                                |
|--------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Water by Karl Fischer                                              | 0-3 (%)                               | 1.09470 %                             |
| Purity(GC)(lauryl sulfate, sodium salt)                            | 65-100 (%)                            | 66.97000 %                            |
| Titration(Anion Active Matter)(on dry base, %)                     | 92-102.5 (%)                          | 95.31000 %                            |
| Sodium(Na)                                                         | 7.6-8.3 (%)                           | 7.62000 %                             |
| Appearance (S108347)                                               | White to Off-White Powder or Granules | White to Off-White Powder or Granules |
| Solubility in H <sub>2</sub> O , Colorless to Yellow,Clear to Hazy | pass                                  | Pass                                  |
| ,200 mg/mL,                                                        |                                       |                                       |
| Infrared spectrum                                                  | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager