

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-14 16:47:06

Date of Next Testing: 2030-04-13 16:47:06

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

CAS Number: 151-21-3

Specifications & Purity: ACS, ≥99%

Lot #: D2608489

SKU #: **S108350**

Version: **1**

Analysis #: **682626**

Storage Temperature: Room temperature,Argon charged,Desiccated,Cool

| Parameter                                  | Limit Values                                     | Result                                           |
|--------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Purity(GC)(%Fatty Alcohols)                | 96-100 (%)                                       | 99.18500 %                                       |
| Sodium chloride and Sodium sulfate         | 0-8 (%)                                          | 1.62000 %                                        |
| Titration Base                             | 0-0.06 (mg/g)                                    | 0.00000 mg/g                                     |
| Heavy metal (as Pb)                        | 0-0.002 (%)                                      | 0.00000 %                                        |
| UV/VIS Absorbance(220 - 350nm c = 3%; H2O) | 0-0.1                                            | 0.02400                                          |
| Unsulfated alcohols                        | 0-4 (%)                                          | 0.00000 %                                        |
| Loss on Drying(105°C, Constant Wt)         | 0-1 (%)                                          | 0.99800 %                                        |
| Purity (Titration by NaOH)                 | 99-101 (%)                                       | 99.02000 %                                       |
| Appearance (S108350)                       | White Powder, Crystals, Fibers, Flakes, or Solid | White Powder, Crystals, Fibers, Flakes, or Solid |
| Infrared spectrum                          | Conforms to Structure                            | Conforms to Structure                            |



John Su  
QA & QC Manager