

## Certificate of Analysis

Date of Testing: 2025-02-21 10:26:03  
Date of Next Testing: 2028-02-21 10:26:03  
Product Name: **Sodium dodecyl sulfate**  
CAS Number: 151-21-3  
Specifications & Purity: Reagent grade, high-purity,  $\geq 98.5\%$ (GC)  
Lot #: B2518469  
SKU #: **S432155**  
Version: **1**  
Analysis #: **474985**

| Parameter                                                                    | Limit Values              | Result                    |
|------------------------------------------------------------------------------|---------------------------|---------------------------|
| Water by Karl Fischer                                                        | 0-2 (%)                   | 1.69 %                    |
| Carbon by Elemental Analysis                                                 | 49.2-50.7 (%)             | 49.55 %                   |
| Sodium(Na)                                                                   | 7.0-9.0 (%)               | 7.61 %                    |
| Purity(GC)                                                                   | 98.5-100 (%)              | 99.43 %                   |
| Appearance(S432155)                                                          | White to Off-White Powder | White to Off-White Powder |
| Solubility(200 mg/ml, H <sub>2</sub> O))Clear Colorless to Very Faint Yellow | pass                      | Pass                      |
| Infrared spectrum                                                            | Conforms to Structure     | Conforms to Structure     |



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QA & QC Manager