

Certificate of Analysis

Date of Testing: 2023-10-17 08:59:54
Date of Next Testing: 2026-10-16 08:59:54
Product Name: **Sodium dodecyl sulfate**
CAS Number: 151-21-3
Specifications & Purity: Reagent Plus, $\geq 98.5\%$ (GC)
Lot #: I2328546
SKU #: **S432155**
Analysis: **286298**

| Parameter | Limit Values | Result |
|--|---------------------------|---------------------------|
| Water by Karl Fischer | 0-2 (%) | 1.05 % |
| Carbon by Elemental Analysis | 49.2-50.7 (%) | 49.40 % |
| Sodium(Na) | 7.0-9.0 (%) | 8.38 % |
| Purity(GC) | 98.5-100 (%) | 99.32 % |
| Appearance(S432155) | White to Off-White Powder | White to Off-White Powder |
| Solubility(200 mg/ml, H ₂ O))Clear Colorless to Very Faint Yellow | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager