

Certificate of Analysis

Date of Testing: 2024-06-28 14:29:38
Date of Next Testing: 2027-06-28 14:29:38
Product Name: **Sodium dodecyl sulfate**
CAS Number: 151-21-3
Specifications & Purity: Reagent Plus, $\geq 98.5\%$ (GC)
Lot #: F2420383
SKU #: **S432155**
Version: **1**
Analysis #: **377836**

| Parameter | Limit Values | Result |
|--|---------------------------|---------------------------|
| Water by Karl Fischer | 0-2 (%) | 1.17 % |
| Carbon by Elemental Analysis | 49.2-50.7 (%) | 49.23 % |
| Sodium(Na) | 7.0-9.0 (%) | 8.70 % |
| Purity(GC) | 98.5-100 (%) | 99.42 % |
| Appearance(S432155) | White to Off-White Powder | White to Off-White Powder |
| Solubility(200 mg/ml, H ₂ O)) | pass | Pass |
| Yellow | | |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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