

Certificate of Analysis

Date of Testing: 2025-05-22 15:50:27
Date of Next Testing: 2028-05-21 15:50:27
Product Name: **Sodium dodecyl sulfate**
CAS Number: 151-21-3
Specifications & Purity: Reagent grade, high-purity, $\geq 98.5\%$ (GC)
Lot #: E2514435
SKU #: **S432155**
Version: **1**
Analysis #: **516765**

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	1.71 %
Carbon by Elemental Analysis	49.2-50.7 (%)	49.50 %
Sodium(Na)	7.0-9.0 (%)	8.34 %
Purity(GC)	98.5-100 (%)	99.34 %
Appearance(S432155)	White to Off-White Powder	White to Off-White Powder
Solubility(200 mg/ml, H ₂ O))	pass	Pass
Clear Colorless to Very Faint Yellow		
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager