

## Certificate of Analysis

Date of Testing: 2022-08-25 10:21:55  
Date of Next Testing: 2026-08-24 10:21:55  
Product Name: **Sodium dodecyl sulfate**  
CAS Number: 151-21-3  
Specifications & Purity: Analytical Reagent,92.5-100.5%  
Lot #: H2216230  
SKU #: **S108347**  
Analysis: **096244**

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	2.00%
Sodium(Na)	7.6-8.3 (%)	7.90%
Titration (Based on total alkyl sulfate content)	92.5-100.5 (%)	97.60%
Purity(GC)(lauryl sulfate, sodium salt)	65-100 (%)	73.11%
Appearance (S108347)	White to Off-White Powder or Granules	White to Off-White Powder or Granules
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Yellow,Clear to Hazy ,200 mg/mL,	pass	Pass



John Su  
QA & QC Manager