

## Certificate of Analysis

Date of Testing: 2022-12-10 16:26:34  
Date of Next Testing: 2026-12-09 16:26:34  
Product Name: **Sodium dodecyl sulfate**  
CAS Number: 151-21-3  
Specifications & Purity: Analytical Reagent,92.5-100.5%  
Lot #: L2205321  
SKU #: **S108347**  
Analysis: **142086**

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	0.22 %
Titration (Based on total alkyl sulfate content )	92.5-100.5 (%)	97.95 %
Purity(GC)(lauryl sulfate, sodium salt)	65-100 (%)	73.69 %
Sodium(Na)	7.6-8.3 (%)	8.25 %
Appearance (S108347)	White to Off-White Powder or Granules	White to Off-White Powder or Granules
Solubility in H <sub>2</sub> O , Colorless to Yellow,Clear to Hazy ,200 mg/mL,	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager