

## Certificate of Analysis

Date of Testing: 2024-04-23 11:06:03  
Date of Next Testing: 2028-04-22 11:06:03  
Product Name: **Sodium dodecyl sulfate**  
CAS Number: 151-21-3  
Specifications & Purity: Analytical Reagent, 92.5-100.5%  
Lot #: D2422417  
SKU #: **S108347**  
Analysis: **346476**

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	1.02 %
Purity(GC)(lauryl sulfate, sodium salt)	65-100 (%)	78.03 %
Titration(Anion Active Matter)(on dry base, %)	92-102.5 (%)	92.00000 %
Sodium(Na)	7.6-8.3 (%)	7.62 %
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	pass	Pass
,200 mg/mL, Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager