

## Certificate of Analysis

Date of Testing: 2023-03-08 02:47:33  
Date of Next Testing: 2027-03-07 02:47:33  
Product Name: **Sodium dodecyl sulfate**  
CAS Number: 151-21-3  
Specifications & Purity: Analytical Reagent, 92.5-100.5%  
Lot #: C23031268  
SKU #: **S108347**  
Analysis: **186204**

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	1.08 %
Titration(Anion Active Matter)	92.5-100.5 (%)	96.82000 %
Sodium(Na)	7.6-8.3 (%)	7.72 %
Purity(GC)(lauryl sulfate, sodium salt)	65-100 (%)	70.66 %
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