

Certificate of Analysis

Date of Testing: 2022-12-10 15:08:51
Date of Next Testing: 2026-12-09 15:08:51
Product Name: **Sodium dodecyl sulfate**
CAS Number: 151-21-3
Specifications & Purity: 92.5-100.5% based on total alkyl sulfate content basis
Lot #: L2205329
SKU #: **S108347**
Analysis: **166768**

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	0.22 %
Sodium(Na)	7.6-8.3 (%)	8.25 %
Titration (Based on total alkyl sulfate content)	92.5-100.5 (%)	97.95 %
Purity(GC)(lauryl sulfate, sodium salt)	65-100 (%)	73.69 %
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 ₂ O , Colorless to Yellow,Clear to Hazy ,200 mg/mL,	pass	Pass



John Su
QA & QC Manager