

Certificate of Analysis

Date of Testing: 2023-10-19 16:19:58

Date of Next Testing: 2027-10-18 16:19:58

Product Name: **Sodium dodecyl sulfate**

CAS Number: 151-21-3

Specifications & Purity: for electrophoresis, ≥98.5% (GC)

Lot #: J2311018

SKU #: **S108346**

Analysis: **288788**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98.5-100 (%)	99.29%
Purity(Titration)	98.5-101.5 (%)	99.29%
Sodium(Na)	7-9 (%)	7.10%
Carbon by Elemental Analysis	49.2-50.7 (%)	50.32%
Water by Karl Fischer	0-2 (%)	0.01%
Appearance (S108346)	White to Off-White Powder or Solid	White to Off-White Powder or Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Very Faint Yellow, Clear, 200 mg/ml	pass	Pass
Test for use in denatured polyacrylamide gel electrophoresis	Pass	Pass



John Su
QA & QC Manager