

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-29 13:33:33  
Date of Next Testing: 2028-05-28 13:33:33  
Product Name: **Sodium dodecyl sulfate**  
CAS Number: 151-21-3  
Specifications & Purity: for electrophoresis, ≥98.5% (GC)  
Lot #: E2420056  
SKU #: **S108346**  
Version: **0**  
Analysis #: **066771**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98.5-100 (%)	99.29%
Purity(Titration)	98.5-101.5 (%)	100.50%
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 <sub>2</sub> 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