

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-09-27 13:56:23
Date of Next Testing:	2028-09-26 13:56:23
Product Name:	Sodium dodecyl sulfate
CAS Number:	151-21-3
Specifications & Purity:	for electrophoresis, ≥98.5%(GC)
Lot #:	I2423544
SKU #	S108346
Version	1
Analysis #:	397712
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Purity(GC)	98.5-100 (%)	98.51 %
Sodium(Na)	7-9 (%)	7.23 %
Carbon by Elemental Analysis	49.2-50.7 (%)	49.30 %
Water by Karl Fischer	0-2 (%)	1.50 %
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