

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-26 19:04:40
Date of Next Testing: 2027-07-25 19:04:40
Product Name: **Sodium dodecyl sulfate**
CAS Number: 151-21-3
Specifications & Purity: for electrophoresis, ≥98.5% (GC)
Lot #: G2321152
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 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