

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-19 13:04:10
 Date of Next Testing: 2025-09-08 13:04:10
 Product Name: **Sodium dodecyl sulfate**
 CAS Number: 151-21-3
 Specifications & Purity: for molecular biology, $\geq 98.5\%$ (GC)
 Lot #: I2315251
 SKU #: **S118591**
Analysis: **278217**
 Storage Temperature: Room temperature, Desiccated

| Parameter | Limit Values | Result |
|--|--|--|
| Lead(Pb) | 0-10 (ppm) | 1.02 ppm |
| Phosphate(PO ₄) | 0-10 (ppm) | 0.22 ppm |
| Sodium(Na) | 7-9 (%) | 7.85 % |
| Purity(GC) | 98.5-100 (%) | 98.79 % |
| UV Absorbance 280nm (3% w/v in H ₂ O) | 0-0.3 | 0.14 |
| Chloride | 0-500 (ppm) | 2.21 ppm |
| Water by Karl Fischer | 0-2 (%) | 0.90 % |
| UV Absorbance 260nm (3% w/v in H ₂ O) | 0-0.3 | 0.21 |
| Appearance (S118591) | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| DNases | none detected | none detected |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| RNases | none detected | none detected |
| Solubility in H ₂ O , clear colorless to very faint yellow, 20g/100ml | pass | Pass |



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager