

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-05 18:49:11
Date of Next Testing: 2028-02-23 18:49:11
Product Name: **Sodium dodecyl sulfate**
CAS Number: 151-21-3
Specifications & Purity: Suitable for molecular biology, $\geq 98.5\%$ (GC)
Lot #: B2624557
SKU #: **S118591**
Version: **0**
Analysis #: **665482**
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Lead(Pb)	0-10 (ppm)	0.32500 ppm
Phosphate(PO ₄)	0-10 (ppm)	0.04200 ppm
Sodium(Na)	7-9 (%)	8.34800 %
Purity(GC)	98.5-100 (%)	98.81000 %
UV Absorbance 280nm (3% w/v in H ₂ O)	0-0.3	0.10600
Chloride	0-500 (ppm)	0.82500 ppm
Water by Karl Fischer	0-2 (%)	0.00100 %
UV Absorbance 260nm (3% w/v in H ₂ O)	0-0.3	0.11600
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". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager