

## Certificate of Analysis

Date of Testing: 2022-06-25 15:50:12

Date of Next Testing: 2024-06-14 15:50:12

Product Name: **Sodium dodecyl sulfate**

CAS Number: 151-21-3

Specifications & Purity: for molecular biology, ≥98.5% (GC)

Lot #: F2224169

SKU #: **S118591**

**Analysis:** **058163**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Lead(Pb)	0-10 (ppm)	7.50 ppm
Phosphate(PO4)	0-10 (ppm)	6.35 ppm
Sodium(Na)	7-9 (%)	8.35 %
Purity(GC)	98.5-100 (%)	99.20 %
UV Absorbance 280nm (3% w/v in H2O)	0-0.3	0.01
Chloride	0-500 (ppm)	210.00 ppm
Water by Karl Fischer	0-2 (%)	1.50 %
UV Absorbance 260nm (3% w/v in H2O)	0-0.3	0.01
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 H2O , clear colorless to very faint yellow, 20g/100ml	pass	Pass



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su  
QA & QC Manager