

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2022-06-25 16:49:47
Date of Next Testing:	2024-06-14 16:49:47
Product Name:	<b>Sodium dodecyl sulfate</b>
CAS Number:	151-21-3
Specifications & Purity:	for molecular biology, ≥98.5% (GC)
Lot #:	F2224168
SKU #	<b>S118591</b>
<b>Analysis:</b>	<b>058163</b>
Storage Temperature:	Room temperature, Desiccated

Parameter	Limit Values	Result
Lead(Pb)	0-10 (ppm)	7.50 ppm
Phosphate(PO <sub>4</sub> )	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 H <sub>2</sub> O)	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 H <sub>2</sub> O)	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 H <sub>2</sub> 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