

Certificate of Analysis

Date of Testing:	2021-03-23 22:07:06
Date of Next Testing:	2023-03-13 22:07:06
Product Name:	Sodium dodecyl sulfate
CAS Number:	151-21-3
Specifications & Purity:	for molecular biology, ≥98.5% (GC)
Lot #:	C2119063
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

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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