

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-23 12:12:09  
Date of Next Testing: 2029-12-22 12:12:09  
Product Name: **Sodium dodecyl sulfate(SDS)**  
CAS Number: 151-21-3  
Specifications & Purity: Ultra pure,  $\geq 99\%$ (GC)  
Lot #: L2522550  
SKU #: **S108349**  
Version: **1**  
Analysis #: **616851**  
Storage Temperature: Room temperature,Argon charged,Desiccated,Cool

Parameter	Limit Values	Result
PH (1%; Water , 20°C)	6-9	6.42000
Loss on drying(hv, 20-25°C)	0-0.5 (%)	0.25000 %
UV Absorbance 280nm(1cm/0.1M,H2O)	0-0.05	0.02000
UV Absorbance 260nm(1 cm/0.1 M in H2O)	0-0.08	0.03600
Water by Karl Fischer	0-1 (%)	0.50000 %
Purity(GC)	99-100 (%)	99.10300 %
Carbon by Elemental Analysis	49.3-50.7 (%)	49.71000 %
Phosphate(PO4)	0-0.0001 (%)	0.00005 %
(Pb)Lead	0-0.0002 (%)	0.00000 %
Sodium(Na)	7.1-9 (%)	7.20000 %
Appearance (S108349)	white powder or solid	white powder or solid
Insoluble matter	pass	Pass
Solubility(0.1m in water)	Clear colorless	Clear Colorless
Infrared spectrum	Conforms to Structure	Conforms to Structure



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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