

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-07 09:49:19

Date of Next Testing: 2029-07-06 09:49:19

Product Name: **Sodium dodecyl sulfate(SDS)**

CAS Number: 151-21-3

Specifications & Purity: Ultra pure, ≥99%(GC)

Lot #: F2530225

SKU #: **S108349**

Version: **1**

Analysis #: **532602**

Storage Temperature: Room temperature,Argon charged,Desiccated,Cool

Parameter	Limit Values	Result
PH (1%; Water , 20°C)	6-9	6.44000
Loss on drying(hv, 20-25°C)	0-0.5 (%)	0.10250 %
UV Absorbance 280nm(1cm/0.1M,H2O)	0-0.05	0.01300
UV Absorbance 260nm(1 cm/0.1 M in H2O)	0-0.08	0.02000
Water by Karl Fischer	0-1 (%)	0.32500 %
Carbon by Elemental Analysis	49.3-50.7 (%)	49.60700 %
Phospate(PO4)	0-0.0001 (%)	0.00000 %
Sodium(Na)	7.1-9 (%)	7.12000 %
Purity(GC)	99-100 (%)	99.37500 %
(Pb)Lead	0-0.0001 (%)	0.00000 %
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



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager