

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-18 14:34:49

Date of Next Testing: 2028-07-17 14:34:49

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

CAS Number: 151-21-3

Specifications & Purity: anhydrous, ACS, ≥99%

Lot #: G2517646

SKU #: **S432157**

Version: **1**

Analysis #: **530219**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Heavy Metals (as Lead)	0-0.002(%)	0.00000 %
Titratable Base	0-0.06 (mg/g)	0.00000 mg/g
Assay(Unsulfated Alcohols)	0-4 (%)	1.59203 %
UV/VIS Absorbance(220 - 350nm c = 3%; H2O)	0-0.1	0.05500
Loss on Drying(105°C, Constant Wt)	0-1 (%)	0.56839 %
Purity(GC)(%Fatty Alcohols)	96-100 (%)	99.86900 %
Purity (Titration by NaOH)	98.5-101.5 (%)	101.18000 %
Appearance(S432157)	White Powder or Flakes	white powder or flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager