

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-25 13:27:17  
Date of Next Testing: 2028-09-24 13:27:17  
Product Name: **Sodium dodecyl sulfate**  
CAS Number: 151-21-3  
Specifications & Purity: ACS, ≥99.0%  
Lot #: I2420044  
SKU #: **S108350**  
Version: **0**  
Analysis #: **158760**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on Drying(105°C, Constant Wt)	0-1 (%)	0.33 %
Purity(GC)(%Fatty Alcohols)	96-100 (%)	97.64 %
Sodium chloride and Sodium sulfate	0-8 (%)	6.19 %
Purity (Titration by NaOH)	99-101 (%)	99.83 %
Titration Base	0-0.06 (mg/g)	0.04 mg/g
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
UV/VIS Absorbance(220 - 350nm c = 3%; H2O)	0-0.1	0.08
Unsulfated alcohols	0-4 (%)	3.50 %
Appearance (S108350)	White Powder, Crystals, Fibers, Flakes, or Solid	White Powder, Crystals, Fibers, Flakes, or Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager