

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-09 15:43:31
 Date of Next Testing: 2029-10-08 15:43:31
 Product Name: **Sodium dodecyl sulfate(SDS)**
 CAS Number: 151-21-3
 Specifications & Purity: ACS, ≥99%
 Lot #: I2529412
 SKU #: **S108350**
 Version: **1**
 Analysis #: **575869**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Sodium chloride and Sodium sulfate	0-8 (%)	0.55000 %
Titration Base	0-0.06 (mg/g)	0.00000 mg/g
Heavy metal (as Pb)	0-0.002 (%)	0.00000 %
UV/VIS Absorbance(220 - 350nm c = 3%; H ₂ O)	0-0.1	0.08200
Unsulfated alcohols	0-4 (%)	0.25195 %
Loss on Drying(105°C, Constant Wt)	0-1 (%)	0.98000 %
Purity(GC)(%Fatty Alcohols)	96-100 (%)	99.00100 %
Purity (Titration by NaOH)	99-101.5 (%)	99.00000 %
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