

## Certificate of Analysis

Date of Testing: 2022-01-12 11:32:34  
Date of Next Testing: 2026-01-11 11:32:34  
Product Name: **Sodium dodecyl sulfate**  
CAS Number: 151-21-3  
Specifications & Purity: ACS, ≥99.0%  
Lot #: A2208444  
SKU #: **S108350**  
**Analysis:** **068985**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on Drying(105°C, Constant Wt)	0-1 (%)	0.25 %
Purity(GC)(%Fatty Alcohols)	96-100 (%)	99.29 %
Sodium chloride and Sodium sulfate	0-8 (%)	7.10 %
Purity (Titration by NaOH)	99-101 (%)	99.29 %
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	0.01
Unsulfated alcohols	0-4 (%)	2.55 %
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