

Certificate of Analysis

Date of Testing: 2024-04-30 15:05:24
Date of Next Testing: 2028-04-29 15:05:24
Product Name: **Sodium dodecyl sulfate**
CAS Number: 151-21-3
Specifications & Purity: ACS, ≥99.0%
Lot #: D2423044
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%; H ₂ O)	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