

Certificate of Analysis

Date of Testing: 2024-12-02 15:45:10
Date of Next Testing: 2027-12-02 15:45:10
Product Name: **Sodium dodecyl sulfate**
CAS Number: 151-21-3
Specifications & Purity: anhydrous, ACS, ≥99%
Lot #: K2429344
SKU #: **S432157**
Version: **1**
Analysis #: **417467**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)(%Fatty Alcohols)	96-100 (%)	98.14 %
Loss on Drying(105°C, Constant Wt)	0-1 (%)	0.56 %
Heavy Metals (as Lead)	0-0.002(%)	0.00000 %
Titrateable Base	0-0.06 (mg/g)	0.00000 mg/g
Purity (Titration by NaOH)	98.5-101.5 (%)	101.45 %
Assay(Unsulfated Alcohols)	0-4 (%)	0.74342 %
UV/VIS Absorbance(220 - 350nm c = 3%; H2O)	0-0.1	0.10
Appearance(S432157)	White Powder or Flakes	white powder or flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager