

Certificate of Analysis

Date of Testing: 2022-01-13 09:59:46
 Date of Next Testing: 2026-01-12 09:59:46
 Product Name: **Sodium dodecyl sulfate**
 CAS Number: 151-21-3
 Specifications & Purity: ACS, ≥99.0%
 Lot #: A2208445
 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%; H ₂ O) | 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 |



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QA & QC Manager