

Certificate of Analysis

Date of Testing: 2022-08-09 17:54:38
Date of Next Testing: 2026-08-08 17:54:38
Product Name: **Sodium dodecyl sulfate**
CAS Number: 151-21-3
Specifications & Purity: Analytical Reagent,92.5-100.5%
Lot #: G2228906
SKU #: **S108347**
Analysis: **096244**

| Parameter | Limit Values | Result |
|---|---------------------------------------|---------------------------------------|
| Water by Karl Fischer | 0-3 (%) | 2.00% |
| Sodium(Na) | 7.6-8.3 (%) | 7.90% |
| Titration (Based on total alkyl sulfate content) | 92.5-100.5 (%) | 97.60% |
| Purity(GC)(lauryl sulfate, sodium salt) | 65-100 (%) | 73.11% |
| Appearance (S108347) | White to Off-White Powder or Granules | White to Off-White Powder or Granules |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H ₂ O , Colorless to Yellow,Clear to Hazy ,200 mg/mL, | pass | Pass |



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