

Certificate of Analysis

Date of Testing: 2023-06-09 16:06:37
Date of Next Testing: 2027-06-08 16:06:37
Product Name: **Sodium dodecyl sulfate**
CAS Number: 151-21-3
Specifications & Purity: Analytical Reagent,92.5-100.5%
Lot #: F2306366
SKU #: **S108347**
Analysis: **204916**

| Parameter | Limit Values | Result |
|---|---------------------------------------|---------------------------------------|
| Water by Karl Fischer | 0-3 (%) | 1.35 % |
| Titration(Anion Active Matter) | 92.5-100.5 (%) | 93.31000 % |
| Purity(GC)(lauryl sulfate, sodium salt) | 65-100 (%) | 86.71 % |
| Sodium(Na) | 7.6-8.3 (%) | 7.61 % |
| Appearance (S108347) | White to Off-White Powder or Granules | White to Off-White Powder or Granules |
| Solubility in H ₂ O , Colorless to Yellow,Clear to Hazy ,200 mg/mL, | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager