

## Certificate of Analysis

Date of Testing: 2023-12-27 10:47:43

Date of Next Testing: 2027-12-26 10:47:43

Product Name: **Sodium laurylsulfonate**

CAS Number: 2386-53-0

Specifications & Purity: Analytical Reagent, 98.0%

Lot #: L2320486

SKU #: **S105389**

**Analysis:** **301546**

Storage Temperature: Desiccated

| Parameter                                     | Limit Values                           | Result                                 |
|-----------------------------------------------|----------------------------------------|----------------------------------------|
| Water by Karl Fischer                         | 0-1 (%)                                | 0.45 %                                 |
| Carbon by Elemental Analysis                  | 52.4-53.4 (%)                          | 52.83 %                                |
| Purity(Ion exchange titration)                | 98-100 (%)                             | 98.20 %                                |
| Chloride (Cl-)                                | 0-1 (%)                                | 0.97 %                                 |
| Appearance (s105389)                          | White to Light Yellow Powder or Flakes | White to Light Yellow Powder or Flakes |
| Infrared spectrum                             | Conforms to Structure                  | Conforms to Structure                  |
| Solubility,colorless and clear(25 mg/ml, H2O) | pass                                   | Pass                                   |



John Su  
QA & QC Manager