

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-11-05 18:15:15

Date of Next Testing: 2029-11-04 18:15:15

Product Name: **Sodium laurylsulfonate**

CAS Number: 2386-53-0

Specifications & Purity: Ion Pair Chromatography, $\geq 99.0\%$

Lot #: J2528141

SKU #: **S59716**

Version: **0**

Analysis #: **604145**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-2 (%)	0.90 %
UV Absorbance 500nm	0-0.02	0.00
Melting point	≥ 300 (°C)	305.00000 °C
UV Absorbance 220nm	0-0.03	0.02
UV Absorbance 210nm	0-0.05	0.05
Purity(Ion exchange titration)	99-100 (%)	99.11 %
UV Absorbance 230nm	0-0.02	0.02
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
λ , 5% in H ₂ O	Pass	Pass
Appearance(S59716)	White Powder or Crystals	White Powder or Crystals

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

