

Certificate of Analysis

Date of Testing: 2025-01-08 17:22:40

Date of Next Testing: 2029-01-07 17:22:40

Product Name: **Sodium laurylsulfonate**

CAS Number: 2386-53-0

Specifications & Purity: for ion pair chromatography, ≥99%

Lot #: A2507391

SKU #: **S105390**

Version: **0**

Analysis #: **454446**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on drying	0-2 (%)	0.35 %
UV Absorbance 500nm	0-0.02	0.00
Melting point	≥300 (°C)	305.24100 °C
UV Absorbance 220nm	0-0.03	0.02
UV Absorbance 210nm	0-0.05	0.04
UV Absorbance 230nm	0-0.02	0.01
Purity(Ion exchange titration)	99-100 (%)	99.07 %
Appearance (S105390)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
λ,5% in H2O	Pass	Pass



John Su
QA & QC Manager