

Certificate of Analysis

Date of Testing: 2023-02-10 19:36:30

Date of Next Testing: 2027-02-09 19:36:30

Product Name: **Sodium laurylsulfonate**

CAS Number: 2386-53-0

Specifications & Purity: for ion-pair chromatography, ≥99.0%

Lot #: B2307173

SKU #: **S105390**

Analysis: **186215**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on drying	0-2 (%)	0.36 %
UV Absorbance 500nm	0-0.02	0.00
Melting point	≥300 (°C)	321.20000 °C
UV Absorbance 220nm	0-0.03	0.03
UV Absorbance 210nm	0-0.05	0.05
Purity(Ion exchange titration)	99-100 (%)	99.93 %
UV Absorbance 230nm	0-0.02	0.01
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