

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-09 12:19:20

Date of Next Testing: 2029-09-08 12:19:20

Product Name: **Sodium laurylsulfonate**

CAS Number: 2386-53-0

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

Lot #: I2503066

SKU #: **S105390**

Version: **1**

Analysis #: **537637**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Loss on drying	0-2 (%)	0.90000 %
UV Absorbance 500nm	0-0.02	0.00180
Melting point	≥300 (°C)	305.00000 °C
UV Absorbance 220nm	0-0.03	0.02470
UV Absorbance 210nm	0-0.05	0.04980
Purity(Ion exchange titration)	99-100 (%)	99.11000 %
UV Absorbance 230nm	0-0.02	0.01590
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