

Certificate of Analysis

Date of Testing: 2025-05-15 15:33:13

Date of Next Testing: 2029-05-14 15:33:13

Product Name: **Sodium 1-Undecanesulfonate [Reagent for Ion-Pair Chromatography]**

CAS Number: 5838-34-6

Specifications & Purity: $\geq 98\%$ (T)

Lot #: H2112287

SKU #: **S161103**

Version: **1**

Analysis #: **510830**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Ion exchange titration)	98-102.5(%)	98.98 %
Absorbance(210nm 5% in H ₂ O)	0-1	0.14300
Absorbance(230nm 5% in H ₂ O)	0-0.3	0.06480
Absorbance(254nm 5% in H ₂ O)	0-0.13	0.03280
Absorbance(400nm 5% in H ₂ O)	0-0.09	0.00280
Appearance(S161103)	White powder to crystal	White powder to crystal
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Solubility in Water	almost transparency	almost transparency



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QA & QC Manager