

## Certificate of Analysis

Date of Testing: 2022-08-01 21:48:41  
Date of Next Testing: 2026-07-31 21:48:41  
Product Name: **Sodium 1-Undecanesulfonate [Reagent for Ion-Pair Chromatography]**  
CAS Number: 5838-34-6  
Specifications & Purity: >98.0%(T)  
Lot #: G2228135  
SKU #: **S161103**  
**Analysis:** **093061**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Ion exchange titration)	98-102.5(%)	102.20 %
Absorbance(210nm 5% in H2O)	0-1	0.15400
Absorbance(230nm 5% in H2O)	0-0.3	0.03800
Absorbance(254nm 5% in H2O)	0-0.13	0.01200
Absorbance(400nm 5% in H2O)	0-0.09	0.00000
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



John Su  
QA & QC Manager