

Certificate of Analysis

Date of Testing: 2022-12-17 19:45:03
Date of Next Testing: 2026-12-16 19:45:03
Product Name: **Sodium 1-octanesulfonate**
CAS Number: 5324-84-5
Specifications & Purity: for ion-pair chromatography, ≥99%
Lot #: L2214057
SKU #: **S108927**
Analysis: **170459**

Parameter	Limit Values	Result
UV Absorbance 220nm	0-0.06	0.05
UV Absorbance 230nm	0-0.04	0.04
UV Absorbance 500nm	0-0.02	0.01
Purity(Ion exchange titration)	98.5-101.5 (%)	99.04%
UV Absorbance 210nm	0-0.1	0.10
UV Absorbance 260nm	0-0.02	0.02
Loss on drying	0-2 (%)	1.20%
Appearance (S108927)	white crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Membrane filtration test(0.4 M sol)	Passes test	Passes test
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
RP gradient test	pass test	pass test
λ,10% in H2O	Pass	Pass



John Su
QA & QC Manager