

Certificate of Analysis

Date of Testing: 2025-02-07 14:40:08

Date of Next Testing: 2029-02-06 14:40:08

Product Name: **Sodium 1-octanesulfonate**

CAS Number: 5324-84-5

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

Lot #: A2522098

SKU #: **S108927**

Version: **0**

Analysis #: **462390**

Parameter	Limit Values	Result
UV Absorbance 220nm	0-0.06	0.05
UV Absorbance 500nm	0-0.02	0.00
Purity(Ion exchange titration)	98.5-101.5 (%)	99.37 %
UV Absorbance 210nm	0-0.1	0.09
UV Absorbance 260nm	0-0.02	0.02
Loss on drying	0-2 (%)	1.00 %
UV Absorbance 230nm	0-0.04	0.04
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