

## Certificate of Analysis

Date of Testing: 2024-05-14 17:36:47  
Date of Next Testing: 2028-05-13 17:36:47  
Product Name: **Sodium 1-octanesulfonate**  
CAS Number: 5324-84-5  
Specifications & Purity: for ion-pair chromatography, ≥99%  
Lot #: E2409374  
SKU #: **S108927**  
Analysis: **358103**

Parameter	Limit Values	Result
UV Absorbance 220nm	0-0.06	0.01
UV Absorbance 230nm	0-0.04	0.02
UV Absorbance 500nm	0-0.02	0.00
Purity(Ion exchange titration)	98.5-101.5 (%)	99.74%
UV Absorbance 210nm	0-0.1	0.00
UV Absorbance 260nm	0-0.02	0.00
Loss on drying	0-2 (%)	1.34%
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