

## Certificate of Analysis

Date of Testing: 2024-07-16 15:29:33  
Date of Next Testing: 2028-07-15 15:29:33  
Product Name: **Sodium 1-octanesulfonate**  
CAS Number: 5324-84-5  
Specifications & Purity: for ion-pair chromatography, ≥99%  
Lot #: G2408385  
SKU #: **S108927**  
Version: **0**  
Analysis #: **376227**

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	0.00
Purity(Ion exchange titration)	98.5-101.5 (%)	98.67%
UV Absorbance 210nm	0-0.1	0.08
UV Absorbance 260nm	0-0.02	0.02
Loss on drying	0-2 (%)	0.32%
Appearance (S108927)	white crystalline powder	white crystalline powder
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 H <sub>2</sub> O	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager