

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-05-15 09:03:25
Date of Next Testing:	2028-05-14 09:03:25
Product Name:	<b>Sodium 1-octanesulfonate</b>
CAS Number:	5324-84-5
Specifications & Purity:	for ion-pair chromatography, ≥99%
Lot #:	E2409371
SKU #	<b>S108927</b>
<b>Analysis:</b>	<b>358103</b>

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