

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-17 14:09:50
 Date of Next Testing: 2030-01-16 14:09:50
 Product Name: **Sodium 1-octanesulfonate**
 CAS Number: 5324-84-5
 Specifications & Purity: for ion pair chromatography, ≥99%
 Lot #: A2615471
 SKU #: **S108927**
 Version: **0**
 Analysis #: **566352**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
UV Absorbance 220nm	0-0.06	0.03
UV Absorbance 230nm	0-0.04	0.02
UV Absorbance 500nm	0-0.02	0.00
UV Absorbance 210nm	0-0.1	0.06
UV Absorbance 260nm	0-0.02	0.01
Loss on drying	0-2 (%)	1.00 %
Purity(Ion exchange titration)	98.5-101.5 (%)	98.52 %
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 H2O	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager