

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-18 09:25:40

Date of Next Testing: 2029-09-17 09:25:40

Product Name: **Sodium 1-octanesulfonate**

CAS Number: 5324-84-5

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

Lot #: I2516595

SKU #: **S108927**

Version: **0**

Analysis #: **580517**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
UV Absorbance 220nm	0-0.06	0.00000
UV Absorbance 230nm	0-0.04	0.01300
UV Absorbance 500nm	0-0.02	0.00400
Purity(Ion exchange titration)	98.5-101.5 (%)	98.97000 %
UV Absorbance 210nm	0-0.1	0.00000
UV Absorbance 260nm	0-0.02	0.00900
Loss on drying	0-2 (%)	1.01000 %
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