

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-12 13:41:38

Date of Next Testing: 2029-08-11 13:41:38

Product Name: **Sodium 1-octanesulfonate**

CAS Number: 5324-84-5

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

Lot #: H2511502

SKU #: **S108927**

Version: **0**

Analysis #: **549205**

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

Parameter	Limit Values	Result
UV Absorbance 220nm	0-0.06	0.03710
UV Absorbance 230nm	0-0.04	0.02730
UV Absorbance 500nm	0-0.02	0.00760
UV Absorbance 210nm	0-0.1	0.09150
UV Absorbance 260nm	0-0.02	0.01720
Loss on drying	0-2 (%)	1.00000 %
Purity(Ion exchange titration)	98.5-101.5 (%)	98.51000 %
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