

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-18 09:11:45

Date of Next Testing: 2029-09-17 09:11:45

Product Name: **Sodium 1-octanesulfonate**

CAS Number: 5324-84-5

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

Lot #: I2516593

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                   | 0.00                     |
| UV Absorbance 230nm                  | 0-0.04                   | 0.01                     |
| UV Absorbance 500nm                  | 0-0.02                   | 0.00                     |
| Purity(Ion exchange titration)       | 98.5-101.5 (%)           | 98.97 %                  |
| UV Absorbance 210nm                  | 0-0.1                    | 0.00                     |
| UV Absorbance 260nm                  | 0-0.02                   | 0.01                     |
| Loss on drying                       | 0-2 (%)                  | 1.01 %                   |
| 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