

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-06 12:15:28
 Date of Next Testing: 2026-06-05 12:15:28
 Product Name: **Sodium 1-butanesulfonate**
 CAS Number: 2386-54-1
 Specifications & Purity: for ion pair chromatography, ≥99.0% (T)
 Lot #: F2202288
 SKU #: **S118662**
 Analysis: **095136**

| Parameter | Limit Values | Result |
|--------------------------------------|--|--|
| UV Absorbance 220nm | 0-0.06 | 0.04 |
| UV Absorbance 500nm | 0-0.02 | 0.00 |
| Purity (T) | 99-100 (%) | 99.01 % |
| UV Absorbance 260nm | 0-0.02 | 0.01 |
| UV Absorbance 230nm | 0-0.04 | 0.03 |
| Carbon by Elemental Analysis | 29.5-30 (%) | 29.65 % |
| UV Absorbance 210nm | 0-0.1 | 0.09 |
| Appearance (S118662) | White Powder, Crystals, Fibers, Flakes, or Solid | White Powder, Crystals, Fibers, Flakes, or Solid |
| Filtration test for RP gradient test | corresponds to standard | corresponds to standard |
| Infrared spectrum | conforms to standard | conforms to standard |
| Solubility in H ₂ O | Conforms to Structure | Conforms to Structure |
| λ, 10 M in H ₂ O | Almost transparency | almost transparency |
| | Pass | Pass |



John Su
QA & QC Manager