

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-28 15:14:42

Date of Next Testing: 2029-09-27 15:14:42

Product Name: **Sodium 1-butanesulfonate**

CAS Number: 2386-54-1

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

Lot #: I2525415

SKU #: **S118662**

Version: **1**

Analysis #: **585055**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
UV Absorbance 220nm	0-0.06	0.03300
UV Absorbance 500nm	0-0.02	0.01600
UV Absorbance 260nm	0-0.02	0.01800
UV Absorbance 230nm	0-0.04	0.02300
Carbon by Elemental Analysis	29.5-30 (%)	30.00000 %
UV Absorbance 210nm	0-0.1	0.07900
Assay(Ion exchange titration)	99-101 (%)	99.54000 %
Appearance (S118662)	White Powder, Crystals, Fibers, Flakes, or Solid	White Powder, Crystals, Fibers, Flakes, or Solid
Filtration test	corresponds to standard	corresponds to standard
for RP gradient test	corresponds to standard	corresponds to standard
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O	Almost transparency	almost transparency
λ,10 M in H2O	Pass	Pass



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager