

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-17 14:04:25  
Date of Next Testing: 2027-05-16 14:04:25  
Product Name: **Sodium 1-butanesulfonate**  
CAS Number: 2386-54-1  
Specifications & Purity: for ion pair chromatography,  $\geq 99.0\%$  (T)  
Lot #: D23261104  
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	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 H <sub>2</sub> O	Almost transparency	almost transparency
$\lambda$ , 10 M in H <sub>2</sub> O	Pass	Pass



John Su  
QA & QC Manager