

Certificate of Analysis

Date of Testing: 2023-04-15 17:39:05
Date of Next Testing: 2027-04-14 17:39:05
Product Name: **Sodium 1-hexanesulfonate**
CAS Number: 2832-45-3
Specifications & Purity: for ion chromatography, 98%
Lot #: D23131124
SKU #: **S104948**
Analysis: **193406**

| Parameter | Limit Values | Result |
|--|-------------------------|-------------------------|
| UV Absorbance 210nm(10 % in H2O) | 0-0.1 | 0.07 |
| UV Absorbance 220nm(10 % in H2O) | 0-0.06 | 0.04 |
| UV Absorbance 260nm(10 % in H2O) | 0-0.02 | 0.01 |
| UV Absorbance 230nm(10 % in H2O) | 0-0.04 | 0.03 |
| UV Absorbance 500nm(10 % in H2O) | 0-0.02 | 0.00 |
| Purity(Ion exchange titration) | 98-105 (%) | 99.52 % |
| Appearance (S104948) | white powder | White powder |
| Filtration test | corresponds to standard | corresponds to standard |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| RP gradient test | pass test | pass test |
| Solubility in H2O , Solution transparent | pass | Pass |



John Su
QA & QC Manager