

## Certificate of Analysis

Date of Testing: 2023-04-16 16:08:12  
Date of Next Testing: 2027-04-15 16:08:12  
Product Name: **Sodium 1-hexanesulfonate**  
CAS Number: 2832-45-3  
Specifications & Purity: for ion chromatography, 98%  
Lot #: D23131085  
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