

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-26 18:46:33  
Date of Next Testing: 2029-05-25 18:46:33  
Product Name: **Sodium 1-hexanesulfonate**  
CAS Number: 2832-45-3  
Specifications & Purity: for ion pair chromatography, ≥98%  
Lot #: E2523495  
SKU #: **S104948**  
Version: **0**  
Analysis #: **513316**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
UV Absorbance 220nm(10 % in H2O)	0-0.06	0.05050
UV Absorbance 260nm(10 % in H2O)	0-0.02	0.01630
UV Absorbance 230nm(10 % in H2O)	0-0.04	0.03180
UV Absorbance 500nm(10 % in H2O)	0-0.02	0.00490
Purity(Ion exchange titration)	98-105 (%)	100.00000 %
UV Absorbance 210nm(10 % in H2O)	0-0.1	0.09950
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