

Certificate of Analysis

Date of Testing: 2025-02-05 15:47:10
Date of Next Testing: 2029-02-04 15:47:10
Product Name: **Sodium 1-pentanesulfonate**
CAS Number: 22767-49-3
Specifications & Purity: for ion pair chromatography, $\geq 98\%$
Lot #: A2522175
SKU #: **S124053**
Version: **0**
Analysis #: **463207**

Parameter	Limit Values	Result
UV Absorbance 220nm(10 % in H2O)	0-0.06	0.04
UV Absorbance 260nm(10 % in H2O)	0-0.02	0.02
UV Absorbance 500nm(10 % in H2O)	0-0.02	0.00
UV Absorbance 210nm(10 % in H2O)	0-0.1	0.09
Purity(Ion exchange titration)	98-102 (%)	99.97%
UV Absorbance 230nm(10 % in H2O)	0-0.04	0.03
Appearance (S124053)	White powder to crystal	White powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O	Almost transparency	almost transparency



John Su
QA & QC Manager