

Certificate of Analysis

Date of Testing: 2023-05-04 15:44:09
Date of Next Testing: 2027-05-03 15:44:09
Product Name: **Sodium 1-pentanesulfonate**
CAS Number: 22767-49-3
Specifications & Purity: for ion chromatography, $\geq 98.0\%$
Lot #: D23251152
SKU #: **S124053**
Analysis: **213630**

Parameter	Limit Values	Result
UV Absorbance 220nm(10 % in H ₂ O)	0-0.06	0.04
UV Absorbance 260nm(10 % in H ₂ O)	0-0.02	0.01
UV Absorbance 500nm(10 % in H ₂ O)	0-0.02	0.00
UV Absorbance 210nm(10 % in H ₂ O)	0-0.1	0.07
Purity(Ion exchange titration)	98-102 (%)	98.28 %
UV Absorbance 230nm(10 % in H ₂ O)	0-0.04	0.02
Appearance (S124053)	White powder to crystal	White powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager