

Certificate of Analysis

Date of Testing: 2025-03-11 15:25:25

Date of Next Testing: 2029-03-10 15:25:25

Product Name: **Sodium 1-heptanesulfonate**

CAS Number: 22767-50-6

Specifications & Purity: $\geq 98\%$

Lot #: E2125210

SKU #: **S104933**

Version: **3**

Analysis #: **478796**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	40.5-42.6 (%)	41.30 %
Water by Karl Fischer	0-2 (%)	0.40 %
Sodium (Na)(anhydrous)	10.8-12 (%)	10.80 %
Purity(dry basis) (Ion exchange titration)	97.5-102.5 (%)	99.70 %
Appearance (S104933)	white powder	White powder
Solubility in H ₂ O , clear colorless , 100mg/ml in water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager