

Certificate of Analysis

Date of Testing: 2023-08-25 15:45:05

Date of Next Testing: 2027-08-24 15:45:05

Product Name: **Sodium 1-decanesulfonate**

CAS Number: 13419-61-9

Specifications & Purity: for Ion pair chromatography , ≥99.0%

Lot #: H2316038

SKU #: **S100284**

Analysis: **204597**

Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
UV Absorbance 220nm	0-0.03	0.02
UV Absorbance 210nm	0-1	0.04
Loss on drying	0-1 (%)	0.00 %
UV Absorbance 230nm	0-0.02	0.02
UV Absorbance 260nm	0-0.02	0.01
Purity(Ion exchange titration)	99-100 (%)	99.01 %
UV Absorbance 500nm	0-0.02	0.00
Appearance (S100284)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless and clear(10%,hot water)	pass	Pass
λ,5% in H ₂ O	Pass	Pass



John Su
QA & QC Manager