

Certificate of Analysis

Date of Testing: 2023-01-31 14:29:20

Date of Next Testing: 2027-01-30 14:29:20

Product Name: **Sodium dodecyl sulfate**

CAS Number: 151-21-3

Specifications & Purity: for ion pair chromatography, ≥99.0% (GC)

Lot #: A2330114

SKU #: **S118592**

Analysis: **163312**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
UV Absorbance 500nm	0-0.02	0.00
UV Absorbance 260nm	0-0.02	0.00
UV Absorbance 220nm	0-0.06	0.01
UV Absorbance 230nm	0-0.04	0.00
UV Absorbance 210nm	0-0.1	0.06
Purity(GC)	99-100 (%)	99.01%
Appearance (S118592)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Filtration test	corresponds to standard	corresponds to standard
for RP gradient test	corresponds to standard	corresponds to standard
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
λ, 10% in H ₂ O	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager