

Certificate of Analysis

Date of Testing: 2024-04-01 11:22:36
Date of Next Testing: 2026-03-22 11:22:36
Product Name: **Streptomycin sulfate**
CAS Number: 3810-74-0
Specifications & Purity: analytical standard
Lot #: C2426337
SKU #: **S105492**
Analysis: 331964
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	1.34 %
Purity(Neutralization titration)(calcd.on anh.substance)	95-105 (%)	96.01 %
Nitrogen by Elemental Analysis	12.5-13.6 (%)	12.77 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)(calcd.on anh.substance)	-88--79 (°)	-80.39 °
Carbon by Elemental Analysis	32.6-34.7 (%)	32.88 %
Appearance (s105492)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager