

Certificate of Analysis

Date of Testing: 2022-02-16 09:33:27
Date of Next Testing: 2024-02-06 09:33:27
Product Name: **Kanamycin sulfate**
CAS Number: 25389-94-0
Specifications & Purity: USP
Lot #: B2211056
SKU #: **K103024**
Analysis: **074236**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
potency	≥750 (IU/mg OR I.U./mg)	850.00 IU/mg OR I.U./mg
Loss on drying	0-1.5 (%)	1.10 %
Sulfate Ash	0-0.5 (%)	0.00 %
PH	6.5-8.5	7.50
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	112-123 (°)	117.03 °
Sulfate(SO ₄ ²⁻)	15-17 (%)	15.64 %
Appearance (K103024)	White Powder or Crystals	White Powder or Crystals
Abnormal toxicity	Conforms	Conforms
Identification	pass	Pass
Kanamycin B	Coincidence	Coincidence
Pyrogen test	Coincidence	Coincidence
Solubility,Coincidence	pass	Pass
Sterility	Pass	Pass



John Su
QA & QC Manager