

Certificate of Analysis

Date of Testing: 2023-03-18 16:43:20
Date of Next Testing: 2025-03-07 16:43:20
Product Name: **Kanamycin sulfate**
CAS Number: 25389-94-0
Specifications & Purity: USP
Lot #: C2314327
SKU #: **K103024**
Analysis: 103382
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
potency	≥750 (IU/mg OR I.U./mg)	763.00 IU/mg OR I.U./mg
Loss on drying	0-1.5 (%)	1.25 %
Sulfate Ash	0-0.5 (%)	0.32 %
PH	6.5-8.5	7.14
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	112-123 (°)	117.23 °
Sulfate(SO ₄ ²⁻)	15-17 (%)	17.00 %
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
Sterility	Pass	Pass
Solubility,50 mg/mL, H ₂ O	Colorless Clear	Colorless Clear



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