

Certificate of Analysis

Date of Testing: 2023-10-13 13:08:01

Date of Next Testing: 2025-10-02 13:08:01

Product Name: **Kanamycin sulfate**

CAS Number: 25389-94-0

Specifications & Purity: USP

Lot #: J2309405

SKU #: **K103024**

Analysis: **275329**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
potency	≥750 (IU/mg OR I.U./mg)	755.00 IU/mg OR I.U./mg
Loss on drying	0-1.5 (%)	0.65 %
Sulfate Ash	0-0.5 (%)	0.21 %
PH	6.5-8.5	7.30
Sulfate(SO42-)	15-17 (%)	16.73 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	112-123 (°)	112.03 °
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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