

Certificate of Analysis

Date of Testing: 2024-06-18 11:26:00
Date of Next Testing: 2026-06-08 11:26:00
Product Name: **Kanamycin sulfate**
CAS Number: 25389-94-0
Specifications & Purity: USP
Lot #: I2207828
SKU #: **K103024**
Version: **3**
Analysis #: **370812**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-1.5 (%)	1.24 %
Sulfate Ash	0-0.5 (%)	0.31 %
PH	6.5-8.5	7.12
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	112-123 (°)	117.20 °
Sulfate(SO ₄ ²⁻) potency	15-17 (%) ≥750 (μg/mg)	16.90 % 761.00 μg/mg
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
Point board testing, one point	Pass	Pass



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager