

## Certificate of Analysis

Date of Testing: 2024-06-24 13:38:38  
Date of Next Testing: 2026-06-14 13:38:38  
Product Name: **Kanamycin sulfate**  
CAS Number: 25389-94-0  
Specifications & Purity: USP  
Lot #: F2420161  
SKU #: **K103024**  
Version: **3**  
Analysis #: **365501**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-1.5 (%)	0.10 %
Sulfate Ash	0-0.5 (%)	0.02 %
PH	6.5-8.5	6.60
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	112-123 (°)	112.10 °
Sulfate(SO <sub>4</sub> <sup>2-</sup> ) potency	15-17 (%) ≥750 (μg/mg)	15.01 % 767.00 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 <sub>2</sub> O	Colorless Clear	Colorless Clear
Point board testing ,one point	Pass	Pass



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ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su  
QA & QC Manager