

## Certificate of Analysis

Date of Testing: 2022-06-06 16:05:25  
Date of Next Testing: 2024-05-26 16:05:25  
Product Name: **Kanamycin sulfate**  
CAS Number: 25389-94-0  
Specifications & Purity: USP  
Lot #: E2230021  
SKU #: **K103024**  
**Analysis: 095400**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
potency	≥750 (IU/mg OR I.U./mg)	755.62 IU/mg OR I.U./mg
Loss on drying	0-1.5 (%)	1.03 %
Sulfate Ash	0-0.5 (%)	0.21 %
PH	6.5-8.5	7.45
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	112-123 (°)	118.44 °
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	15-17 (%)	15.01 %
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



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