

## Certificate of Analysis

Date of Testing: 2021-08-27 12:29:43  
Date of Next Testing: 2023-08-17 12:29:43  
Product Name: **Kanamycin sulfate**  
CAS Number: 25389-94-0  
Specifications & Purity: USP  
Lot #: H2125306  
SKU #: **K103024**  
**Analysis: 017642**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
potency	≥750 (IU/mg OR I.U./mg)	760.00 IU/mg OR I.U./mg
Loss on drying	0-1.5 (%)	1.10 %
Sulfate Ash	0-0.5 (%)	0.01 %
PH	6.5-8.5	7.50
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	112-123 (°)	117.03 °
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
Solubility,Coincidence	pass	Pass
Sterility	Pass	Pass



John Su  
QA & QC Manager