

## Certificate of Analysis

Date of Testing: 2023-09-12 15:37:41  
Date of Next Testing: 2027-09-11 15:37:41  
Product Name: **Kanamycin sulfate**  
CAS Number: 25389-94-0  
Specifications & Purity: >94.0%(N),from Streptomyces kanamyceticus  
Lot #: I2311443  
SKU #: **K103025**  
**Analysis:** **264956**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Kanamycin B	0-4 (%)	1.03 %
PH	6.5-8.5	7.52
Loss on drying	0-1.5 (%)	0.06 %
potency	≥750 (IU/mg)	752.60 IU/mg OR I.U./mg
Assay (Total nitrogen)	94-102.5 (%)	96.14700 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	112-123 (°)	114.13 °
Appearance(K103025)	White Powder or Crystals	White Powder or Crystals



John Su  
QA & QC Manager