

## Certificate of Analysis

Date of Testing: 2024-05-21 19:14:51  
Date of Next Testing: 2028-05-20 19:14:51  
Product Name: **Kanamycin sulfate**  
CAS Number: 25389-94-0  
Specifications & Purity: >94.0%(N),from Streptomyces kanamyceticus  
Lot #: E2417242  
SKU #: **K103025**  
Version: **4**  
Analysis #: **356241**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Kanamycin B	0-4 (%)	1.40 %
Loss on drying	0-1.5 (%)	0.84 %
potency	≥750 (IU/mg)	750.00 IU/mg OR I.U./mg
Assay (Total nitrogen)	94-102.5 (%)	96.32300 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	112-123 (°)	117.59 °
pH(30% in water)	6.5-8.5	8.15000
Appearance(K103025)	White Powder or Crystals	White Powder or Crystals



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QA & QC Manager