

## Certificate of Analysis

Date of Testing: 2024-04-17 10:49:01  
Date of Next Testing: 2028-04-16 10:49:01  
Product Name: **Kanamycin sulfate**  
CAS Number: 25389-94-0  
Specifications & Purity: >94.0%(N),from Streptomyces kanamyceticus  
Lot #: D2416354  
SKU #: **K103025**  
**Analysis:** **342809**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Kanamycin B	0-4 (%)	0.36 %
Loss on drying	0-1.5 (%)	0.00 %
potency	≥750 (IU/mg)	752.82 IU/mg OR I.U./mg
Assay (Total nitrogen)	94-102.5 (%)	95.86600 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	112-123 (°)	120.23 °
pH(30% in water)	6.5-8.5	7.90000
Appearance(K103025)	White Powder or Crystals	White Powder or Crystals



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QA & QC Manager