

Certificate of Analysis

Date of Testing: 2024-05-21 16:57:30
Date of Next Testing: 2028-05-20 16:57:30
Product Name: **Kanamycin sulfate**
CAS Number: 25389-94-0
Specifications & Purity: >94.0%(N),from Streptomyces kanamyceticus
Lot #: E2417228
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] ₂₀ /D(c=1 in H ₂ 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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