

Certificate of Analysis

Date of Testing: 2024-05-21 14:14:21
Date of Next Testing: 2028-05-20 14:14:21
Product Name: **Kanamycin sulfate**
CAS Number: 25389-94-0
Specifications & Purity: >94.0%(N),from Streptomyces kanamyceticus
Lot #: E2417229
SKU #: **K103025**
Version: **4**
Analysis #: **356247**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Kanamycin B	0-4 (%)	1.64 %
Loss on drying	0-1.5 (%)	0.79 %
potency	≥750 (IU/mg)	750.00 IU/mg OR I.U./mg
Assay (Total nitrogen)	94-102.5 (%)	96.22000 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	112-123 (°)	114.66 °
pH(30% in water)	6.5-8.5	8.19000
Appearance(K103025)	White Powder or Crystals	White Powder or Crystals



John Su
QA & QC Manager