

Certificate of Analysis

Date of Testing: 2024-01-03 16:17:27
Date of Next Testing: 2028-01-02 16:17:27
Product Name: **Kanamycin sulfate**
CAS Number: 25389-94-0
Specifications & Purity: >94.0%(N),from Streptomyces kanamyceticus
Lot #: G2119094
SKU #: **K103025**
Analysis: **310541**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Kanamycin B	0-4 (%)	1.61 %
PH	6.5-8.5	7.50
Loss on drying	0-1.5 (%)	1.10 %
potency	≥750 (IU/mg)	760.00 IU/mg OR I.U./mg
Assay (Total nitrogen)	94-102.5 (%)	96.65000 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	112-123 (°)	117.05 °
Appearance(K103025)	White Powder or Crystals	White Powder or Crystals



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