

Certificate of Analysis

Date of Testing: 2024-05-21 16:59:43
Date of Next Testing: 2028-05-20 16:59:43
Product Name: **Kanamycin sulfate**
CAS Number: 25389-94-0
Specifications & Purity: >94.0%(N),from Streptomyces kanamyceticus
Lot #: E2417240
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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