

Specification Sheet

Product Name: **Kanamycin sulfate**
Specifications & Purity: **USP**
SKU #: **K103024**

Parameter	Limit Values
potency	≥750 (IU/mg OR I.U./mg)
Loss on drying	0-1.5 (%)
Sulfate Ash	0-0.5 (%)
pH	6.5-8.5
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	112-123 (°)
Appearance (K103024)	White Powder or Crystals
Abnormal toxicity	Conforms
Identification	pass
Kanamycin B	Coincidence
Pyrogen test	Coincidence
Sterility	Pass
Sulfate(SO ₄ ²⁻)	15-17 (%)
Solubility,50 mg/mL, H ₂ O	Colorless Clear