

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-10 11:38:25  
Date of Next Testing: 2026-03-31 11:38:25  
Product Name: **Kanamycin sulfate**  
CAS Number: 25389-94-0  
Specifications & Purity: USP  
Lot #: G2214017  
SKU #: **K103024**  
**Analysis:** **341586**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-1.5 (%)	0.67 %
Sulfate Ash	0-0.5 (%)	0.18 %
PH	6.5-8.5	7.50
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in H <sub>2</sub> O)	112-123 (°)	117.97 °
Sulfate(SO <sub>4</sub> 2-) potency	15-17 (%)	15.16 %
Appearance (K103024)	≥750 (µg/mg)	750.00 µg/mg
Abnormal toxicity	White Powder or Crystals	White Powder or Crystals
Identification	Conforms	Conforms
Kanamycin B	pass	Pass
Pyrogen test	Coincidence	Coincidence
Sterility	Coincidence	Coincidence
Solubility,50 mg/mL, H <sub>2</sub> O	Pass	Pass
Point board testing ,one point	Colorless Clear	Colorless Clear
	Pass	Pass



John Su  
QA & QC Manager