

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-16 10:32:58
 Date of Next Testing: 2030-06-15 10:32:58
 Product Name: **Kanamycin sulfate**
 CAS Number: 25389-94-0
 Specifications & Purity: $\geq 94\%$ (N), from Streptomyces kanamyceticus
 Lot #: F2604504
 SKU #: **K103025**
 Version: **5**
 Analysis #: **695379**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-1.5 (%)	0.31492 %
Assay (Total nitrogen)	94-102.5 (%)	95.04400 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	112-123 (°)	113.73400 °
pH(1.2g/10ml in water)	6.0-9.0	8.16100
Kanamycin B	0-4 (%)	0.49000 %
potency	≥ 750 (IU/mg)	766.00000 IU/mg OR I.U./mg
Appearance(K103025)	White Powder or Crystals	White Powder or Crystals



John Su
QA & QC Manager