

## Certificate of Analysis

Date of Testing: 2023-07-06 15:56:03  
Date of Next Testing: 2026-07-05 15:56:03  
Product Name: **Kanamycin sulfate from Streptomyces kanamyceticus**  
CAS Number: 25389-94-0  
Specifications & Purity: powder, BioReagent, suitable for cell culture, suitable for plant cell culture  
Lot #: G2301542  
SKU #: **K432461**  
Analysis: **242422**

Parameter	Limit Values	Result
Water by Karl Fischer	0-4 (%)	0.93 %
Carbon by Elemental Analysis(anhydrous)	35.2-37.8 (%)	35.37 %
Nitrogen by Elemental Analysis (anhydrous)	9.0-9.9 (%)	9.23 %
potency	≥750 (IU/mg OR I.U./mg)	767.00 IU/mg OR I.U./mg
Appearance(K432461)	White to Off-White Powder	White to Off-White Powder
Solubility,50 mg/mL, H2O,Colorless Clear	pass	Pass
Cell Culture Test	pass	Pass
Plant cell culture test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager