

Certificate of Analysis

Date of Testing: 2023-07-06 16:05:17
Date of Next Testing: 2026-07-05 16:05:17
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 #: G2301544
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