

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Kanamycin sulfate from Streptomyces kanamyceticus**
Specifications & Purity: powder, BioReagent, suitable for cell culture, suitable for plant cell culture
SKU #: **K432461**

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