

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

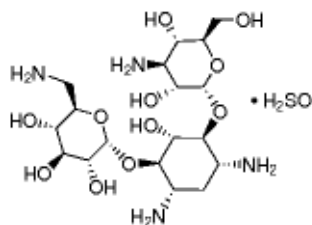
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Kanamycin sulfate from *Streptomyces kanamyceticus* - Animal Component-free

Product Number: K4000
CAS Number: 25389-94-0
MDL: MFCD00070253
Formula: C₁₈H₃₆N₄O₁₁ · H₂O₄S
Formula Weight: 582.58 g/mol



TEST

Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
50 mg/ml, H ₂ O	
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 4 %
Carbon (anhydrous)	35.2 - 37.8 %
Nitrogen (anhydrous)	9.0 - 9.9 %
µg Kanamycin base/mg	≥ 750
Potency, dry basis	
Recommended Retest Period	-----
3 Years	

Specification: PRD.2.ZQ5.10000014696

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.