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Product Specification

Product Name:

Kanamycin sulfate from Streptomyces kanamyceticus – powder, BioReagent, suitable for cell culture

Product Number: K1377 CAS Number: 25389-94-0 MDL: MFCD00070253

C18H36N4O11·H2O4S Formula:

Formula Weight: 582.58 g/mol

TEST Specification

Appearance (Color) White to Off-White

Pow der Appearance (Form) Solubility (Color) Colorless to Faint Yellow

Solubility (Turbidity) Clear

50 mg/ml, H2O

Water (by Karl Fischer) < 4 %

Infrared spectrum Conforms to Structure

Cell Culture Test Pass > 750

µg Kanamycin base/mg Potency, dry basis

Recommended Retest Period -----

3 Years

35.2 - 37.8 % Carbon (anhydrous) Nitrogen (anhydrous) 9.0 - 9.9 %

Specification: PRD.0.ZQ5.10000015141

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.