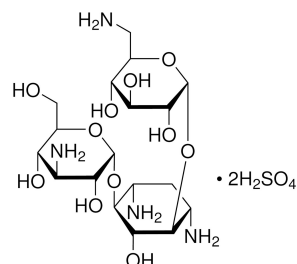


## Product Specification

Product Name : Kanamycin disulfate salt from Streptomyces kanamyceticus aminoglycoside antibiotic  
Product Number: K1876  
CAS Number: 64013-70-3



Test	Specification
Appearance (Form)	Powder
Appearance (Color)	White to Off-White
Solubility Clear colorless solution (10mg/ml, H2O)	Complying
Assay (Dry Basis) (as Kanamycin)	≥ 670µg/mg
Sulfate (SO4) Titration, Dry Basis	23.0 - 26.0 %
Loss on Drying	≤ 5.0%
Kanamycin B (TLC)	≤ 4%
Identification (BP)(A,B,C,D)	Conforms
Specific Rotation	103 - 115 °
pH	5.5 - 7.5
Sulfated Ash	≤ 0.5%
Managed by	Expiration Date
Results Provided by Supplier	-----
Shelf Life Defined by Supplier	-----
Handled & Packed Under ISO9001	-----

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](http://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.

Version Number: PRP.00.ZQ5.1108628

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