



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-263433
Lot Number: SAMPLE
Product Name: Kanamycin acid sulfate
CAS Number: 64013-70-3
Molecular Formula: $C_{18}H_{36}N_4O_{11} \cdot 2H_2SO_4$
Molecular Weight: 680.65
Native Source: *Streptomyces kanamyceticus*

Test	Specification	Result
Appearance	White or almost white powder	Complies
Identification	Positive	Complies
pH	5.5 - 7.5	6.4
Specific Rotation	+103° - +115°	+108°
Loss on Drying	≤ 5.0%	4.1%
Potency (Dry Basis)	≥ 670 IU/mg	675 IU/mg
Kanamycin B	≤ 4.0%	2.0%
Sulfate	23.0 - 26.0%	24.3%
Sulfated Ash	≤ 0.5%	0.1%
Pyrogen	Meet requirement	Complies

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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