



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-286778
Lot Number: SAMPLE
Product Name: Spectinomycin sulfate tetrahydrate
CAS Number: 64058-48-6
Molecular Formula: $C_{14}H_{24}N_2O_7 \cdot H_2SO_4 \cdot 4H_2O$
Molecular Weight: 502.48

Test	Result
Appearance	White crystalline powder
Crystallinity	Complies
Assay (Dried Basis)	750 µg/mg
Identification (Infrared Spectrum)	Complies
pH	5.0 (0.1% aqueous solution)
Residue on Ignition	0.7%
Solution	Clear, colorless solution
Specific Rotation	+11°
Water Content	14.4%

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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