



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-278692
Lot Number: SAMPLE
Product Name: Amikacin (free base)
CAS Number: 37517-28-5
Molecular Formula: $C_{22}H_{43}N_5O_{13}$
Molecular Weight: 585.6

Test	Result
Crystallinity	White crystalline powder
Assay (Anhydrous Basis)	982 µg/mg
Identification (Infrared Spectrum)	Complies
pH	10.75
Residue on Ignition	0.04%
Optical Rotation	$[\alpha]_D = +101^\circ$
Water Content (KF)	7.5%

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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