



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-361877
Lot Number: SAMPLE
Product Name: Gentamicin Sulfate, 100X Solution
CAS Number: 1405-41-0
Molecular Formula: $C_{21}H_{43}N_5O_7 \cdot H_2SO_4$
Molecular Weight: 575.67

Test	Result
Appearance	Clear to light yellow solution
Concentration	10 mg/ml in DI water
pH	4.9
Specific Rotation	+118°
Loss on Drying	7.5%
Potency	640 um/mg
Potency (Dry Basis)	635 mcg/mg
Gentamycin C(1)	30.1%
Gentamycin C(1a)	30.8%
Gentamycin C(2a) + C(2)	39.1%
Methanol	> 1.0%
Sulfated Ash	0.2%
Water Content	9.8%

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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