



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-255391
Lot Number: SAMPLE
Product Name: Neomycin solution
CAS Number: 119-04-0
Molecular Formula: $C_{23}H_{46}N_6O_{13}$
Molecular Weight: 614.64

Test	Specification	Result
Appearance	Clear liquid	Complies
Identification (ICP)	Consistent with the formula Sodium 3.1 - 3.9 g/l Sulphur ≥ 0.95 g/l	Complies
pH	5.0 - 7.5	6.6
Osmolality	268 - 328 mOs/kg with $NaHCO_3$	306 mOs/kg
Potency	8 - 12 mg/ml (Neomycin potency)	11 mg/ml
Cell Culture Test	$\geq 50\%$	93%
Endotoxin	≤ 0.5 EU/ml	< 0.1 EU/ml
Sterility		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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