



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-204917
Lot Number: SAMPLE
Product Name: Tobramycin
CAS Number: 32986-56-4
Molecular Formula: $C_{18}H_{37}N_5O_9$
Molecular Weight: 467.5
Native Source: *Streptomyces tenebarius*

Test	Specification	Result
Appearance	White to off-white crystalline powder	White crystalline powder
Assay	$\geq 900 \mu\text{g}/\text{mg}$	915.6 $\mu\text{g}/\text{mg}$
pH	< 9.0 - 11.0	10.4
Residue on Ignition	$\leq 0.1\%$	0.02%
Solubility	Soluble in water	Complies
Heavy Metals	$\leq 30 \text{ ppm}$	< 30 ppm
Loss on Drying	$\leq 2.0\%$	1.64%

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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