



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-391048
Lot Number: SAMPLE
Product Name: Penicillin G sodium salt, cell culture grade
CAS Number: 69-57-8
Molecular Formula: $C_{16}H_{17}N_2O_4S \cdot Na$
Molecular Weight: 356.37

Test	Specification	Result
Appearance	White to off white powder	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Solubility	Clear colorless to faint yellow solution at 100 - 104 mg/ml in water	Clear colorless solution at 100 mg/ml in water
Potency	1477	1565
Water Content (KF)	$\leq 1.5\%$	0.1%
Cell Culture Test		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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