



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-257223
Lot Number: SAMPLE
Product Name: Cephalothin sodium salt
CAS Number: 58-71-9
Molecular Formula: $C_{16}H_{15}N_2NaO_6S_2$
Molecular Weight: 418.41

Test	Specification	Result
Appearance		Tan Powder
Assay		929 mcg/mg
pH		4.81
Solution	1 g in 4 ml water	Clear and Complete
Specific Rotation		+129° on dried basis
Transmittance	10% H ₂ O, 430 nm	93%
Loss on Drying		0.32%
Water Content		0.04%
Bacterial Endotoxins		< 1.25 USP EU/mg

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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