



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-217860
Lot Number: SAMPLE
Product Name: Cefpirome Sulfate
CAS Number: 98753-19-6
Molecular Formula: $C_{22}H_{22}N_6O_5S_2 \cdot H_2SO_4$
Molecular Weight: 612.67

Test	Specification	Result
Appearance		Off-white crystalline powder
Chromatographic Purity	HPLC	99.45%
Purity (HPLC)		99.5% (Assay, anhydrous)
pH	0.1% aqueous solution potentiometrically determined	2.96 units at room temperature
Residue on Ignition		0.05%
Solubility	0.1% aqueous solution at room temperature, using frequent agitation	Completely soluble; clear, colorless solution
Infrared Spectrum		Complies
UV Absorption	Absorbance maxima at 265nm to 270nm	415
Heavy Metals		≤ 20 ppm
Related Substances	HPLC	0.15% (Highest individual)
Sulfate		15.8%
Water Content (KF)		2.80%
Bacterial Endotoxins		≤ 0.20 EU/mg
Sterility		Conforms to standard

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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