



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-210856
Lot Number: SAMPLE
Product Name: Aztreonam
CAS Number: 78110-38-0
Molecular Formula: $C_{13}H_{17}N_5O_6S_2$
Molecular Weight: 435.43

Test	Specification	Result
Appearance	White crystal powder	Complies
Identification (Infrared Spectrum)	Consistent with reference and standard	Complies
Purity (HPLC)	$\geq 97.0\%$	98.4%
pH	2.2 - 2.8	2.5
Residual Solvents	Ethanol: $\leq 2.0\%$	1.7%
Residue on Ignition	$\leq 0.1\%$	Complies
Heavy Metals	$\leq 0.001\%$	$< 0.001\%$
Water Content	$\leq 2.0\%$	0.40%
Bacterial Endotoxins	< 0.17 EU/mg (Aztreonam)	$< 0.17\%$ 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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