



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-279447
Lot Number: SAMPLE
Product Name: Mezlocillin
CAS Number: 51481-65-3
Molecular Formula: $C_{21}H_{25}N_5O_8S_2$
Molecular Weight: 539.588

Test	Specification	Result
Appearance	White to off-white powder	White powder
Assay (Dried Basis)	$\geq 97\%$	99.5%
Specific Rotation	$\geq +186^\circ$	+190.2°
Single Impurity	$\leq 1.0\%$	0.14%
Total Impurities	$\leq 2.0\%$	0.57%
Water Content (KF)	$\leq 5.0\%$	4.0%

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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