



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-205807  
Lot Number: SAMPLE  
Product Name: Piperacillin  
CAS Number: 61477-96-1  
Molecular Formula:  $C_{23}H_{27}N_5O_7S$   
Molecular Weight: 517.56

Test	Specification	Result
Appearance	White crystal powder	Complies
Assay (dried basis)	$\geq 92\%$	95.2%
Identification	Positive	Positive
Purity (HPLC)		97.1%
pH	2.5 - 4.0	3.6
Specific Rotation	$+160^\circ \sim +176^\circ$	$+171.1^\circ$
Water Content	$\leq 5.0\%$	3.8%

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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