



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-211376
Lot Number: SAMPLE
Product Name: Doripenem
CAS Number: 148016-81-3
Molecular Formula: $C_{15}H_{24}N_4O_6S_2$
Molecular Weight: 420.50

Test	Specification	Result
Appearance	Off white to light yellow crystalline powder	Complies
Assay (dried basis)	$\geq 99.0\%$	99.6%
Identification	Positive	Complies
Clarity	Meet the requirements	Complies
Residue on Ignition	$\leq 0.1\%$	0.06%
Solution (Color)	Meet the requirements	Complies
Specific Rotation	$32^\circ - 40^\circ$	36.1°
Heavy Metals	$\leq 0.001\%$	Complies
Total Impurities	$\leq 1.0\%$	0.20%
Water Content	$3.0\% - 5.0\%$	4.2%

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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