



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-485799  
Lot Number: SAMPLE  
Product Name: Meropenem Trihydrate  
CAS Number: 119478-56-7  
Molecular Formula:  $C_{17}H_{25}N_3O_5S \cdot 3H_2O$   
Molecular Weight: 435.46

Test	Specification	Result
Purity (HPLC)	$\geq 98.0\%$ area	98.9 % area
Purity (Neutralization Titration)	$\geq 98.0\%$ (calc. on anh. substance)	100.8 %
Specific Rotation ( $\alpha_{20/D}$ )	-17.0 to -21.0 deg(C=0.44, H <sub>2</sub> O)	-17.9 deg
Water Content	11.4 to 13.4 %	12.0 %

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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