



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-205854
Lot Number: SAMPLE
Product Name: Tazobactam, Free acid
CAS Number: 89786-04-9
Molecular Formula: $C_{10}H_{12}N_4O_5S$
Molecular Weight: 300.29

Test	Specification	Result
Appearance	White to off-white crystalline powder	White crystalline powder
Assay	≥98%	98.5%
Identification (LCMS)		Complies
Melting Point	170 - 182 °C	176 - 182 °C
pH	2.0 - 2.5	2.3
Residue on Ignition	≤0.1 %	0.1%
Heavy Metals	≤20ppm	Complies
Loss on Drying	≤1.0%	0.2%

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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