



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-205781
Lot Number: SAMPLE
Product Name: Oxacillin Sodium Monohydrate
CAS Number: 7240-38-2
Molecular Formula: $C_{19}H_{18}N_3NaO_5 \cdot H_2O$
Molecular Weight: 441.44

Test	Specification	Result
Appearance	White crystal powder	Complies
Crystallinity	Consistent with requirements	Complies
Assay	815 µg - 950 µg of Oxacillin per mg	926 µg/mg
Identification	Consistent with requirements	Complies
Purity (HPLC)	≥ 98.0%	99.0%
pH	4.5 - 7.5	6.4
Solubility	Very soluble in water	Complies
Specific Rotation	+195° - +214°	+205°
Water Content	3.5% - 5.0%	3.7%

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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