



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-211040
Lot Number: SAMPLE
Product Name: Cefepime Dihydrochloride Monohydrate
CAS Number: 123171-59-5
Molecular Formula: $C_{19}H_{25}N_6O_5S_2 \cdot 2HCl \cdot H_2O$
Molecular Weight: 571.50

Test	Specification	Result
Appearance		Off-white solid
Identification (1H -NMR)	Consistent with structure	Complies
Purity (TLC)		98%
Atmosphere		Inert gas
Melting Point		> 165 °C (dec.)
Solubility		DMSO (Sparingly), methanol and water
Carbon Content	39.93%	39.54%
Chloride		12%
Hydrogen Content	4.94%	5.06%
Nitrogen Content	14.71%	14.49%
Water Content (KF)		6.6%

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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