



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-200564A
Lot Number: SAMPLE
Product Name: Bestatin hydrochloride
CAS Number: 65391-42-6
Molecular Formula: $C_{16}H_{24}N_2O_4 \cdot HCl$
Molecular Weight: 344.83

Test	Specification	Result
Appearance		White powder
Purity (HPLC)	$\geq 98\%$ (220 nm)	$\geq 99\%$
Solubility	Clear to slightly hazy solution at 10 mg/ml in water, up to 20 mg/ml in HCl and up to 5 mg/ml in MeOH	Complies
Carbon Content	54.6% - 56.9%	55.6%
Chlorine	10.0% - 10.6%	10.2%
Hydrogen Content	7.31%	7.2%
Nitrogen Content	8.0 - 8.3%	8.1%
Water Content (KF)	$\leq 6.0\%$	Complies

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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