



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-219590
Lot Number: SAMPLE
Product Name: Phenformin Hydrochloride
CAS Number: 834-28-6
Molecular Formula: $C_{10}H_{16}ClN_5$
Molecular Weight: 241.72

Test	Specification	Result
Appearance	White powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 97\%$	99%
Solubility	Colorless and clear to very slightly hazy solution at 50 mg/ml in water	Colorless and very slightly hazy solution at 50 mg/ml in water
Carbon Content	48.0 - 51.2%	50.0%
Nitrogen Content	28.0 - 29.9%	29.1%

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com