



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-233976
Lot Number: SAMPLE
Product Name: Benzthiazide
CAS Number: 91-33-8
Molecular Formula: $C_{15}H_{14}ClN_3O_4S_3$
Molecular Weight: 431.94

Test	Specification	Result
Appearance		White powder with a dark yellow cast
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)		> 99%
Solubility		Clear faint yellow solution at 50 mg/ml of 1 M sodium hydroxide
Extinction Coefficient (1)		11100
Extinction Coefficient (2)		30300
λ_{max} 1		283 nm
λ_{max} 2		225 nm
Carbon Content		41.39%
Nitrogen Content		9.89%
Sulfur Content		21.4%

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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