



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-229878
Lot Number: SAMPLE
Product Name: 2-Amino-4-phenylthiazole hydrobromide monohydrate
CAS Number: 52253-69-7
Molecular Formula: $C_9H_8N_2S \cdot HBr \cdot H_2O$
Molecular Weight: 275.17

Test	Specification	Result
Appearance	White powder, crystals and/or chunks	White crystalline powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Silver Nitrate Titration)	98.5 - 101.5%	99.8%
Purity (TLC)	99%	Complies
Solubility	Clear colorless to very faint yellow solution at 50 mg/ml in ethanol	Clear and very faint yellow solution
Water Content (KF)	6 - 8%	7.08%

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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