



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-251697
Lot Number: SAMPLE
Product Name: 2-Aminoperimidine hydrobromide sesquihydrate
CAS Number: 40835-96-9 (anhydrous)
Molecular Formula: $C_{11}H_9N_3 \cdot HBr \cdot 3/2H_2O$
Molecular Weight: 291.14

Test	Specification	Result
Appearance	White to beige powder	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Argentometric Titration)	98.0 - 102.0%	100.7%
Melting Point	295 - 300 °C	297 °C
Carbon Content	45.38%	45.66%
Hydrogen Content	4.50%	4.66%
Nitrogen Content	14.43%	14.47%
Water Content	8 - 11%	8.6%

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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