



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-233933
Lot Number: SAMPLE
Product Name: Benzamidine
CAS Number: 618-39-3
Molecular Formula: $C_7H_8N_2$
Molecular Weight: 120.15

Test	Specification	Result
Appearance (Color)	White to faintly beige	White
Appearance (Form)	Powder to fine crystals	Powder
Identification (1H -NMR)	Consistent with structure	Complies
Purity (Titration)	95.0 - 103.0% (NT, $HClO_4$ 0.1 M)	99.6%
Melting Point	65 - 70 °C	70 °C
Solution (Color)	Colorless at 0.5 g in 10 ml MeOH	Complies
Solution (Turbidity)	Clear (< 3.5 NTU) at 0.5 g in 10 ml MeOH	Complies
Carbon Content	69.97%	70.00%
Hydrogen Content	6.71%	6.75%
Nitrogen Content	23.31%	23.06%

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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