



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-221734
Lot Number: SAMPLE
Product Name: Hydroxyguanidine hemisulfate
CAS Number: 6345-29-5
Molecular Formula: $C_2H_{10}N_6O_2 \cdot H_2SO_4$
Molecular Weight: 248.22
Native Source: Synthetic

Test	Result
Appearance	White to off-white solid
Identification (1H -NMR)	Consistent with structure
Identification (^{13}C -NMR)	Consistent with structure
Purity	98%
Atmosphere	Inert gas
Melting Point	115 - 118 °C (dec.)
Solubility	Water
Carbon Content	8.86%
Hydrogen Content	5.41%
Nitrogen Content	31.40%

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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