



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-397832
Lot Number: SAMPLE
Product Name: Guanidine carbonate salt
CAS Number: 593-85-1
Molecular Formula: $\text{CN}_3\text{H}_5 \cdot 1/2\text{H}_2\text{CO}_3$
Molecular Weight: 90.08

Test	Specification	Result
Appearance	White powder or crystal or chunks	White crystals
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Nonaqueous Titration)	98.5 - 101.5% (0.1 M HClO ₄)	100.6%
Purity (TLC)	99%	Complies
Solubility	Clear, colorless to faint yellow solution at 5% in water	Clear and colorless solution at 5% in water

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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