



Certificate of Analysis

Product Name: Guanidine HCl
Cat #: G-211
CAS #: 50-01-1
Lot #: Lot Specific
Retest Date[†]: Lot Specific
Storage: Store at room temperature.

Test	Specs	Results
Appearance	White crystalline	Complies
Assay	≥99.0%	Complies
Ammonium	≤0.05%	Complies
Water Insoluble	≤0.02%	Complies
Loss on Drying	≤0.3%	Complies
Residue on Ignition	≤0.02%	Complies
Melting Point	180.0-185.0°C	Complies
Absorbance (280 nm) (55% in aqueous solution)	≤0.020	Complies
Absorbance (260 nm) (55% in aqueous solution)	≤0.040	Complies
pH (4% in Water)	4.5 - 6.0	Complies
Dicyanodiamide	≤0.1%	Complies
Melamine	≤0.01%	Complies
Iron	≤0.1 ppm	Complies

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† If provided, the Certificate of Analysis (COA) retest date corresponds to the recommended storage conditions provided on the COA. If no retest date is shown, the shelf-life for products is 2 years after purchase when stored according to COA recommendations. Retest dates are not rigid, and often only serve an informational purpose. COA retest dates are supplied by the manufacturer; however, GoldBio product labels may contain different storage recommendations to extend the life of the product beyond the manufacturer retest date or 2 years from purchase.

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