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Certificate of Quality

Product Name: **Guanidine Hydrochloride**

A strong denaturant used to solubilize proteins. Suited for purification of nucleic acids or polypeptides from cell sources and inhibition of both RNase and protease activity.

Product Code:	A2719	CAS #:	50-01-1
Grade:	Biotechnology	Formula:	CH5N3.HCl
Appearance:	White crystalline powder	MW:	95.53
Reassay Date:	3 years after shipping date	Lot#:	See product label
Storage:	Store at room temperature. Protect from moisture.		

TEST	SPECIFICATION	RESULT
Purity	≥ 99.5%	Passes
A260 (6M Water)	≤ 0.03	Passes
A230 (6M Water)	≤ 0.15	Passes
Iron	≤ 1 ppm	Passes
Lead	≤ 5 ppm	Passes
Arsenic	≤ 5 ppm	Passes
Moisture (LOD)	≤ 1.0%	Passes
Solubility (6M Water)	Clear/colorless	Passes
Melting Point	181-188°C	Passes
DNase, RNase & Protease	None	None Detected

Data Verified by M. He. Verification Date: 2020-01-06

Limited Usage and Warranty: For Research Use Only. Not for use in diagnostic procedures. Not for human or animal drug or food use. Biomatik warrants materials of said quality at the time of sale. It is the sole responsibility of the customer to determine the adequacy of all materials for any intended or specific purpose of use. Biomatik's sole obligation is to replace the material up to the extent of the purchase price. This warranty applies only to products in original packaging and does not apply to a product which has been tampered with or altered in any way or which has been misused or damaged by accident or negligence. No other warranties of any kind, expressed or implied, including without limitation, implied warranties of merchantability or fitness for a particular purpose, are provided by Biomatik. Biomatik shall have no liability for any direct, indirect, consequential, or incidental damages arising out of the use, the results of use, or the inability to use this product.