



# Guanidine Hydrochloride

## GenAR

Product No. 0507  
Specifications current as of: Jun 8  
2011

TEST	SPECIFICATION
GMP Manufactured Product	
Assay (NH <sub>2</sub> C(:NH)NH <sub>2</sub> ·HCL)	99.5 - 101.0 %
Acidity (as HCl)	max. 0.01 %
Loss on Drying at 105°C	max. 0.5 %
Residue after Ignition	max. 0.05 %
Absorbance of a 6M Aqueous Solution	
230 nm	max. 0.2
260 nm	max. 0.03
275 nm	max. 0.03
Enzyme Activity:	
RNase Activity	None Detected
DNase Activity	None Detected
Protease Activity	None Detected
Nitrate (NO <sub>3</sub> )	max. 0.005 %
Sulfate (SO <sub>4</sub> )	max. 0.005 %
Trace Impurities (in ppm):	
Arsenic and Antimony (as As)	max. 0.5
Copper (Cu)	max. 0.2
Cyanide (CN)	max. 0.1
Iron (Fe)	max. 2
Lead (Pb)	max. 0.5
Particulate Matter	Passes Test
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