



## CERTIFICATE OF ANALYSIS

Product	Guanidine Hydrochloride
Grade	Biotechnology (Molecular Biology)
Product Code	GB0242
Formula	CH <sub>5</sub> N <sub>3</sub> ·HCl
MW	95.53
CAS#	50-01-1
Lot No	

Test Items	Specifications	Results
Appearance	White crystalline powder	
Purity	≥99.5%	
Ammonium(NH <sub>4</sub> )	≤0.3%	
Water Insoluble Matter	≤0.2%	
Water Content	≤0.3%	
Ash	≤0.2%	
Solubility (6M, Water)	Clear colorless solution	
Melting Point	181-189 °C	
Abs. @280nm(6M, Water)	≤0.02	
Abs. @260nm(6M, Water)	≤0.04	
Heavy Metals (Pb)	≤10ppm	
Arsenic	≤3ppm	
DNase	NONE	
RNase	NONE	
Protease	NONE	

Storage: Store at room temperature. Protect from moisture.