



Bio Basic Inc.

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CERTIFICATE OF ANALYSIS

Product	Guanidine Hydrochloride
Grade	Biotechnology (Molecular Biology)
Product Code	GB0242
Formula	$\text{CH}_5\text{N}_3\cdot\text{HCl}$
MW	95.53
CAS#	50-01-1
Lot No	

Test Items	Specifications	Results
Appearance	White crystalline powder	
Purity	$\geq 99.5\%$	
Ammonium(NH_4)	$\leq 0.3\%$	
Water Insoluble Matter	$\leq 0.2\%$	
Water Content	$\leq 0.3\%$	
Ash	$\leq 0.2\%$	
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)	$\leq 10\text{ppm}$	
Arsenic	$\leq 3\text{ppm}$	
DNase	NONE	
RNase	NONE	
Protease	NONE	

Storage: Store at room temperature. Protect from moisture.

QF 21 Rev 1

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