



## CERTIFICATE OF ANALYSIS

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Product	Guanidine thiocyanate
Grade	Molecular biology
Product Code	GDR0244-MBG
Formula	CH <sub>5</sub> N <sub>3</sub> ·CHNS
MW	118.16
CAS#	593-84-0
Lot No	

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Test Items	Specifications	Results
Appearance	White crystalline powder	
Solubility (in water)	Clear and colorless solution at 6M in water	
Purity	≥99.0%	
Abs. at 280nm (6M water)	≤0.50	
Abs. at 300nm (6M water)	≤0.10	
Abs. at 320nm (6M water)	≤0.10	
Abs. at 410nm (6M water)	≤0.10	
Melting Point (°C)	118-121°C	
Moisture	≤1.0%	
Ash	≤0.1%	
Ammonium	≤0.1%	
Iron	≤1.0ppm	
Copper	≤1.0ppm	
Lead	≤1.0ppm	
DNase	NONE	
RNase	NONE	
Protease	NONE	
Identification (IR)	PASS	

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Storage: 18-25°C.