



ISO 9001 CERTIFIED
ISO 13485 CERTIFIED

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CERTIFICATE OF QUALITY

Product: GUANIDINE HYDROCHLORIDE
Grade: PROTEOMICS GRADE
Code: M110

Appearance: White crystalline powder

Mol. Formula: CH5 N3 HCl

Mol. Weight: 95.53

Description:

<u>Assay:</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>	<u>Disposition</u>
Abs.@230nm (6M, Water)		0.15		PASS
Abs.@260nm (6M, Water)		0.03		PASS
Arsenic		0.0005	%	PASS
DNase		NONE	P/F	PASS
Iron		0.0005	%	PASS
Lead		0.0005	%	PASS
Melting Point	181	187	degrees C	PASS
Protease		NONE	P/F	PASS
Purity	99.5		%	PASS
RNase		NONE	P/F	PASS
Solubility (6M, Water)	PASS		P/F	PASS

Storage: Store at room temperature. Protect from moisture.

m110ptm

This signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.

Signature:

Title:

QC MANAGER

Date:

6/8/2012