

BIOSPECTRA

100 Majestic Way, Bangor, PA 18013 / www.biospectra.us

Effective Date:	November 18, 2015	November, 2018	: Date of Next Review
Prepared By:	Jamie Storm	Not Applicable	: Supersedes
QA/QC Approval:	Chad Pezoldt	Sarah DeMaio	: Management Approval
Reason for Revision:	New Document		

GUANIDINE HYDROCHLORIDE 6 MOLAR SOLUTION

CERTIFICATE OF ANALYSIS

BIO PHARMA GRADE / GH4120-L001

LOT#: GH4120-002-0916

$\text{NH}_2\text{C}(\text{NH})\text{NH}_2\cdot\text{HCl}$ ^ F.W. 95.53 ^ CAS#: 50-01-1

Manufacturing Date: 09/24/15 Retest Date: 09/30/17

Manufacturing Site: 1474 Rockdale Lane, Stroudsburg, PA 18360

Packaging Date: 09/08/16

Packaging Site: 1474 Rockdale Lane, Stroudsburg, PA 18360

ANALYSIS	SPECIFICATIONS	RESULT
Appearance and Color	Clear, colorless liquid	Clear, colorless liquid
Identification (IR)	Passes Test	Passes Test
Molarity	5.5 – 6.5	5.9 M

COUNTRY OF ORIGIN: U.S.A.

OVI STATEMENT: Based on the manufacturing process and the controlled handling and storage of this product, there is no potential for any of the residual solvents listed in the current USP method <467> Tables 1, 2, 3, or 4 to be present at the specified limits; furthermore, if tested this product would comply with USP/NF requirements.

INTENDED USE: Material represented by this Certificate of Analysis is suitable to be used only as the following: IPEC Compliant GMP Manufactured Chemical, for use in further Manufacturing or as a Reagent for Laboratory and Research. The material represented by this Certificate of Analysis is not suitable to be used as an Active Pharmaceutical Ingredient, Drug, Drug Product or household item.

Prepared by:  Date: 09/09/16

Verified by:  Date: 9/9/16