BIOSPECTRA
Bulk cGMP Fine Chemical Manufacturer

GMP SOLUTION
IPEC GMP MANUFACTURED PROCESS CHEMICAL

GUANIDINE HYDROCHLORIDE 6M SOLUTION
GMP

CAS #: 50-01-1 **Formula: $NH_2C(NH)NH_2 \cdot HCl$** **F.W.: 95.53 g/mol**

GHCL-4120 BIO PHARMA GRADE

ANALYSIS	SPECIFICATIONS
Appearance and Color	Clear, Colorless Liquid
Heavy Metals	< 10 ppm
Identification, IR	Passes Test
Iron (Fe)	< = 3 ppm
Molarity	5.5 – 6.5 M

General Product Overview
Guanidine Hydrochloride 6M Solution can be used to denature proteins which become randomly coiled with no residual structure. This concentration is also used to decrease enzyme activity. The denatured proteins can be modified or analyzed using mass spectrometry, electrophoresis and enzymatic digests. As a chaotropic agent, Guanidine Hydrochloride Solution is also used to break the hydrogen bonds in the structure of proteins and increase the solubility of hydrophobic molecules.

Industry Application
Suitable for use as a cGMP chemical in pharmaceutical manufacturing processes.

Click here to view SDS, CoAs and other supporting regulatory documents on our website.

Key Product Features
- The manufacturing of Guanidine HCl 6M Solution, GHCL-4120 is performed at BioSpectra's Bangor, PA facility.
- Appears as a clear, colorless liquid
- Manufactured in accordance with IPEC
- Manufactured in an enzyme free, hormone free and animal free environment
- Contains no known major food allergens (as defined by FDA and WHO)
- The final product and its raw materials are not derived from nor come into contact with animal parts, animal products, and/or animal byproducts or derivatives.
- Is not subject to genetic modification
- Synonyms: Guanidine Monohydrochloride 6M Solution; Guanidinium Chloride 6M Solution; Guanidinium Hydrochloride 6M Solution.

Storage and Shipping Conditions
Refer to SDS.

Standard Shelf-Life Policy
Unless otherwise noted on the Shelf-Life Statement and CoA, this product has a 2-year retest date supported by a 3-year ICH Q1 Stability Study (if one is completed).

Package Sizes
200L drum and 1,135L tote