

**Product:** Guanidine Hydrochloride, 6M Solution  
**Catalog Number:** G5710

**Formula:**  $\text{CH}_5\text{N}_3 \cdot \text{HCl}$   
**Formula Weight:** 95.53  
**CAS Number:** 50-01-1

## SPECIFICATION

Test	Specification
Appearance .....	Clear, colorless liquid .....
Molarity .....	5.8 to 6.2 .....
pH (neat).....	4.5 to 5.5 .....
UV Absorption (1M @290nm) .....	NMT 0.05 .....
UV Absorption (1M @280nm) .....	NMT 0.05 .....
UV Absorption (1M @260nm) .....	NMT 0.10 .....
RNase, DNase, Protease .....	None Detected .....
Copper (Cu) .....	NMT 1 ppm .....
Iron (Fe) .....	NMT 1 ppm .....
Lead (Pb) .....	NMT 1 ppm .....
Zinc (Zn) .....	NMT 1 ppm .....

### Additional Information

Country of Origin .....USA  
Material of Origin .....Synthetic  
Production Method .....Chemical Synthesis  
Retest Date.....4 years from manufacturing date

Storage Conditions .....15°C to 30°C  
Material is of non-animal, non-human origin