



# Product Specifications

## GUANIDINE HCl

<u>Catalog #</u>	<u>Size</u>
IB05080	500gm

### Physical Specifications

CAS#	50-01-1
Formula Weight	95.53
Molecular Formula	CH <sub>5</sub> N <sub>3</sub> HCl
Purity	Min. 99.0%
A <sub>260</sub> (6M, water)	Max. 0.03
A <sub>230</sub> (6M, water)	Max. 0.15
Iron	Max. 0.0005%
Lead	Max. 0.0005%

### Molecular Biology Specifications

DNase assay	None Detected
RNase assay	None Detected
Protease assay	None Detected

### Recommended Use

Guanidine Hydrochloride is an ionic denaturant that rapidly and effectively denatures most proteins. Used in the isolation RNA.

### Storage

Store at room temperature. Protect from moisture.

### Warning

Irritant. Avoid contact with eyes, skin. Avoid breathing dust. Wash thoroughly with water after handling. Do not take internally. See Material Safety Data Sheet for additional information.