



45539

## Guanidine Hydrochloride (GHC) for molecular biology, 99.5%

Part A

CAS : 50-01-1

Molecular Formula : CH<sub>5</sub>N<sub>3</sub>.HCl

Molecular Weight : 95.53

### Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline compound
Solubility (Turbidity) 6M aq. solution	Clear
Solubility (Colour) 6M aq. solution	Colourless
Assay	min. 99.5%
Melting Point	181 - 186°C
pH (6M aq. solution)	4.5 - 6.0
Sulphated Ash	max. 0.01%
Iron (Fe)	max. 0.0005%
Sulphate (SO <sub>4</sub> )	max. 0.005%
Heavy Metals (Pb)	max. 0.0005%
Absorbance (A) of 6M aq. solution in a 1cm cell v/s H <sub>2</sub> O	
@260nm	max 0.03
@280nm	max 0.02
Water (KF)	max. 0.5%
DNase, RNase, Protease	Not detected
Not for medicinal use	

### General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
1 Kg	29252990 (GST 18%)
100 Gms	29252990 (GST 18%)
5 Kg	29252990 (GST 18%)
500 Gms	29252990 (GST 18%)
Type of Packing	
1 Kg	Plastic Bottle

100 Gms

Glass Bottle

500 Gms

Glass Bottle

### Available Packages

100 Gms

500 Gms

1 Kg

5 Kg

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#### Disclaimer

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