

## Guanidine hydrochloride, For Molecular Biology (Nuclease and Protease free)

**MB014**


### Product Identifier

CAS No.	:	50-01-1
EC No.	:	200-002-3
EC Index No	:	607-148-00-0
Molecular Formula	:	CH <sub>5</sub> N <sub>3</sub> .HCl
Molecular Weight	:	95.53
HS Code	:	2925 29 90
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Colourless or white crystals or powder
Solubility	:	100 mg soluble in 1 mL of water
pH (6M in water at 25°C)	:	4.50 - 6.00
DNases	:	None detected
RNases	:	None detected
Protease	:	None detected
FTIR	:	Matches with the standard pattern
Water (K.F.)	:	<= 0.5%
Assay (AT/NT)	:	99.00 - 102.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H302- H315- H319
Precautionary Statement(s)	:	P270- P280- P301 + P312- P302 + P352- P305+P351+P338- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	MF4300000
WGK	:	1