

## 8M Guanidine hydrochloride solution

**Cat No.:** G8073

**Package:** 100mL

**Storage:** RT

**Expiration date:** one year

### Description of products

As a protein denaturant, it can dissolve some insoluble or denatured proteins; It can also be used for the initial folding of active proteins or enzymes.

As a strong denaturant in the experiment of extracting total RNA from cells. Guanidine hydrochloride solution can dissolve protein, resulting in the destruction of cell structure, the destruction of secondary structure of nuclear protein, and the dissociation from nucleic acid; It can also fully inhibit the ribonuclease activity of cells and entire tissues. Because of its biological destructive properties, buffers containing guanidine hydrochloride or guanidine thiocyanate are often called dissociated buffers.

This product is a ready-to-use 8M guanidine hydrochloride solution.

### Product Parameter

English name: Guanidine hydrochloride solution

Concentration: 8M

CAS: 50-01-1

Molecular formula:  $\text{CH}_5\text{N}_3\cdot\text{HCl}$

Molecular weight: 95.53

Appearance (character) : colorless liquid

### Note

- 1、 Mainly composed of guanidine hydrochloride and DEPC treated water.
- 2、 If there is precipitation in the 8M guanidine hydrochloride solution, the bottle is heated to 37 °C, mixed until completely dissolved before use.
- 3、 This product is for scientific research only. Do not use for medicine, clinical diagnosis or treatment, food and cosmetics. Do not store in ordinary residential areas.
- 4、 Guanidine hydrochloride is toxic, for your safety and health, be careful when using personal protection.

### Related products

G8070 Guanidine hydrochloride

IG0470 Guanidine (hydrochloride)

Note: For more information about this product, please refer to Solarbio website.

