

## 5M guanidine hydrochloride solution

**Item number:** G8072

**Specification:** 100mL/500mL

**Save:** RT

**Valid:** 1 year

### Product Description:

- As a protein denaturant, it can dissolve some insoluble or denatured proteins; Can also be used for the initial folding of active proteins or enzymes.
- As a strong denaturant in experiments to extract 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 the cell and the whole tissue. Because of its biological destructive properties, buffers containing guanidine hydrochloride or guanidine thiocyanate are often referred to as dissociated buffers.
- This product is ready-to-use 5M guanidine hydrochloride solution.

### Product parameters:

English name: Guanidine hydrochloride solution (guanidine hydrochloride solution)

Concentration: 5M

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. This product is for scientific research only. Do not use for medicine, clinical diagnosis or therapy, food or cosmetics. Do not store in ordinary residential areas.
2. Guanidine hydrochloride is toxic, for your safety and health, be careful when using personal protection.

### Related products:

G8070 *guanidine hydrochloride*

IG0470 *Guanidine (hydrochloride) guanidine hydrochloride*