

8M Urea

Product	Catalog No.	Package size
Urea 8M (100 mL/bag)	61281	5 bags

Product description

Urea (carbamide) is an organic compound with the chemical formula $(\text{NH}_2)_2\text{CO}$ extensively used in proteomics and molecular biology. Urea is supplied as pre-weighed powder in sealed bags, each giving 100 ml of 8M urea.

Product Specifications

Chemicals	Analytical grade
Format	Pre-weighed powder
Concentration	8M
Volume	100 mL
Shelf life	Three years after production date

Applications

- Denaturing proteins
- Protein refolding
- 2D-PAGE
- Sequencing methods

Product Use

Dissolve the entire content of 1 bag in deionized water using a magnetic stirrer and add deionized water to bring the total volume to 100 mL. Once fully dissolved, the solution is ready to use.

Stability

Urea is shipped at room temperature. Store the bags in a dry place at room temperature. Shelf life is three years after production date.

Safety information

When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate material safety data sheets (MSDSs). These are available online as pdf-file or on request (contact@cube-biotech.com).