

ChemiPURE Urea, Molecular Biology Grade

500 gr, 1 kg

Cat No: UR05, UR10

Shipping : Ship at ambient temperature.

Storage : Store at room temperature (15–25°C) in a tightly closed container.

General Information

ChemiPURE Urea, Molecular Biology Grade, is a $\geq 99\%$ pure crystalline urea reagent used as a general protein denaturant in molecular biology and biochemical research. It has low UV absorptivity and can unfold proteins by disrupting interactions that maintain their three-dimensional structures.

ChemiPURE Urea can also increase the solubility of hydrophobic molecules, supporting laboratory workflows in which protein denaturation and solubilization are required.

Applications

- Protein denaturation and unfolding
- Increasing the solubility of hydrophobic molecules
- Biochemical and molecular biology workflows requiring a chaotropic protein denaturant
- Research applications requiring low-UV-absorptivity urea

This product is sold for laboratory research use only.

CAS Number: 57-13-6

Molecular Weight: 60.056

Molecular Formula: H_2NCONH_2

Purity: $\geq 99\%$

Appearance: White, crystallized free base

Storage Temperature: Room Temperature