

ChemiPURE Bis-Acrylamide, Electrophoresis Grade, ≥99%

100 g

Cat No: BACR01

Shipping : Ship at ambient temperature.

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

General Information

ChemiPURE Bis-Acrylamide, Electrophoresis Grade, ≥99%, is a high-purity cross-linking reagent used together with acrylamide for the preparation of polyacrylamide gels. It is suitable for electrophoretic separation of proteins and nucleic acids in molecular biology and biochemical research workflows.

Bis-acrylamide copolymerizes with acrylamide during free-radical polymerization to generate a three-dimensional polyacrylamide matrix. The concentration of bis-acrylamide relative to acrylamide controls the degree of cross-linking and therefore contributes to gel pore size, mechanical strength, and separation characteristics.

ChemiPURE Bis-Acrylamide is intended for reproducible gel casting in SDS-PAGE, native PAGE, and nucleic acid PAGE applications and provides a consistent cross-linker component for routine analytical and preparative electrophoresis.

Applications

- Cross-linking reagent for polyacrylamide gel preparation
- SDS-PAGE gel casting for protein electrophoresis
- Native PAGE and non-denaturing electrophoresis
- DNA and RNA polyacrylamide gel electrophoresis
- Control of polyacrylamide gel pore size and rigidity
- Analytical and preparative electrophoresis workflows
- Preparation of acrylamide/bis-acrylamide gel matrices
- General molecular biology and biochemical research applications

This product is sold for laboratory research use only.

CAS Number: 110-26-9

Molecular Weight: 154.17

Molecular Formula: $C_7H_{10}N_2O_2$

Purity: ≥99%

Appearance: White crystalline powder

Solubility: Clear, colorless solution in water