

ChemiPURE N,N,N',N'-Tetramethylethylenediamine (TEMED)

25 ml, 100 ml

Cat No: TMD025, TMD100

Shipping : Ship at ambient temperature.

Storage : Store at room temperature (15–25°C) in a tightly closed container. Protect from light and air. After opening, storage at 2–8°C is recommended to maintain stability.

General Information

ChemiPURE N,N,N',N'-Tetramethylethylenediamine (TEMED) is a widely used organic compound that serves as an efficient catalyst for the polymerization of acrylamide and bis-acrylamide in polyacrylamide gel electrophoresis (PAGE). By accelerating the decomposition of ammonium persulfate (APS) into free radicals, TEMED facilitates rapid and uniform gel formation, ensuring consistent polymerization. Due to its high catalytic efficiency, TEMED is an essential component in SDS-PAGE and native PAGE applications, contributing to reproducible gel quality and reliable protein separation results.

This product is sold for laboratory research use only.

CAS Number: 110-18-9

Synonym: 1,2-Bis-(dimethylamino)ethane

Purity: ≥99 %

Molecular Formula: C₆H₁₆N₂

Molecular Weight: 116.21

Color: Colorless to yellow liquid

Density: 0.77 g/ml