

ACRYL/BIS™ SOLUTION (30%) 29:1, 500ML**PG-443-500ML**

ACRYL/BIS™ Solution (30%) 29:1 is a ready-to-use, sterile-filtered aqueous solution of acrylamide and N,N'-methylenebisacrylamide formulated for the preparation of polyacrylamide gels. It is widely used in SDS-PAGE, native PAGE, protein electrophoresis, and nucleic acid separation applications. The optimized 29:1 monomer-to-crosslinker ratio ensures consistent gel polymerization and reliable electrophoretic performance.

Details

Product Name	ACRYL/BIS™ Solution (30%) 29:1, 500 mL
Description	Sterile-filtered aqueous solution containing acrylamide and N,N'-methylenebisacrylamide at a 29:1 ratio, designed for the preparation of polyacrylamide gels used in protein and nucleic acid electrophoresis.
Molecular Weight	Not Applicable (mixture)
Appearance	Clear, colorless liquid
Formula	Contains 29% (w/v) Acrylamide and 1% (w/v) N,N'-Methylenebisacrylamide in purified water
Total Monomer Concentration	30% (w/v)
Solubility	Completely miscible with water
pH	6.5 – 8.5
CAS Number	Acrylamide: 79-06-1; N,N'-Methylenebisacrylamide: 110-26-9
Storage Condition	Store at 2–8°C. Protect from light. Do not freeze. Keep container tightly closed.
Applications / Uses	Used for SDS-PAGE, native PAGE, protein electrophoresis, DNA/RNA electrophoresis, Western blotting, and molecular biology research applications.
Safety	

Contains acrylamide monomer, which is toxic and a potential neurotoxin. Avoid skin contact, inhalation, and ingestion. Wear appropriate PPE including gloves, lab coat, and safety glasses. Handle in accordance with laboratory safety procedures.