

## Product Information

### Acrylamide/Bis-acrylamide solution 30% (19:1)

Catalogue Number: GBPAB01/01F

## General Information

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The Acrylamide/Bis-acrylamide Solution 30% (19:1) is a pre-mixed, ready-to-use solution specifically designed for SDS-PAGE (sodium dodecyl sulfate-polyacrylamide gel electrophoresis), enabling efficient protein separation with reduced handling hazards. This formulation minimizes user exposure to acrylamide powders, offering a safe and consistent solution ideal for research and diagnostic labs.

This solution contains a 30% blend of acrylamide and bis-acrylamide at a precise 19:1 ratio, optimized for creating a strong yet flexible gel matrix suitable for protein and nucleic acid separation. Acrylamide polymerizes into long chains, cross-linked by bis-acrylamide, creating a stable gel matrix essential for effective molecular separation. This solution meets high purity standards, free from DNase and RNase contaminants, ensuring reliable performance in PAGE applications.

## Product Specification

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Appearance	:	Clear, colorless solution
Storage & Shelf Life	:	Store at +2°C to +8°C protected from light and use within 12 months.
Shipping Conditions	:	Frozen (Dry Ice)
Sterility	:	No bacterial or fungal growth (14 days at USP specifications)
DNase & RNase	:	None detected

## Formulation

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Components	Concentration g/L
Acrylamide	285
N,N-Methylene Bis-acrylamide	15

**For Research Use Only**

## Need help?

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If you have any further queries, please feel free to email our cell culture specialists at [info@genexisbiotech.com](mailto:info@genexisbiotech.com)

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