

Electrophoresis Chemicals

Acrylamide

Acrylamide

C₃H₅NO, FW 71.08.
Electrophoresis grade,
Acrylic acid content <0.005%.
Conductivity of a 40% solution is <5 μmho

Bis-acrylamide

N,N'-Methylene-bis-Acrylamide,
C₇H₁₀N₂O₂, FW 154.2 .
Electrophoresis grade,
Acrylic acid content <0.1%.
Conductivity of a 2% solution is <10 μmho

Acrylamide/bis-acrylamide solutions

Acrylamide/bis-acrylamide solution at 30% concentration with different proportions are prepared in ultrapure water using electrophoresis grade acrylamide and bis-acrylamide. The solutions are sterile filtered and packed aseptically.

Storage: 4°C

Ordering Information:

Product	Size	Cat #
Acrylamide	100 g	105357
Bis-acrylamide	10 g	105358
Acrylamide/bis-acrylamide solution 30%, 19:1 ratio	100 ml	105344
Acrylamide/bis-acrylamide solution 30%, 29:1 ratio	100 ml	105345
Acrylamide/bis-acrylamide solution 30%, 36.5:1 ratio	100 ml	105346

Ammonium Persulphate (APS)

APS, a polymerization initiator used with TEMED for polyacrylamide gel formation. APS is packed dry under nitrogen.

Storage: Desiccate at room temperature.

TEMED

(N,N,N',N'Tetramethylethylenediamine)

TEMED is a polymerization accelerator used with APS for polyacrylamide gel formation. TEMED is packed dry under nitrogen.

Storage: 4°C in dark

Ordering Information:

Product	Size	Cat #
Ammonium persulfate	10x100 mg	105354
Ammonium persulfate (bulk pack)	10 g	105355
TEMED	5 ml	105356