

ChemiPURE Ammonium Persulfate for molecular biology, suitable for electrophoresis

10 gr, 25 gr, 100 gr

Cat No: APS10, APS25, APS100

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 Ammonium persulfate (APS) is a strong oxidizing agent widely used as a free radical initiator in polymerization reactions, particularly in polyacrylamide gel electrophoresis (PAGE). In the presence of TEMED, APS decomposes to generate free radicals that initiate the polymerization of acrylamide and bis-acrylamide, enabling rapid and uniform gel formation. Due to its high reactivity and reliability, APS is an essential component in SDS-PAGE and native PAGE applications, ensuring consistent gel quality and reproducible electrophoretic performance.

This product is sold for laboratory research use only.

CAS Number: 7727-54-0

Purity: ≥98%

Molecular Weight: 228.20

Molecular Formula: H₈N₂O₈S₂

Appearance: Crystalline powder

Density: 1.982 g/cm³ at 20° C