PRODUCT SPECIFICATION SHEET

10% Ammonium Persulfate

Catalog Number: A007-1MLX10 **Size:** 1 mL x 10 **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 10% Ammonium Persulfate (APS) is a premium, ready-to-use liquid solution that acts as a strong oxidizing agent. It is widely used with TEMED to catalyze the polymerization of acrylamide and bis-acrylamide to form polyacrylamide gels.

By providing a pre-mixed 10% (w/v) sterile solution in convenient 1 mL aliquots, it prevents repeated freeze-thaw cycles and moisture degradation, ensuring maximum catalytic activity, saving preparation time, and avoiding exposure to hazardous APS dust.

2. Specifications

Concentration	10% (w/v)
Composition	10% (w/v) Ammonium Persulfate in sterile H_2O
Form	Liquid, ready-to-use
Storage Conditions	2–8°C (Refrigerated).

3. Recommended Applications & Usage

This product is an essential catalyst for the preparation of polyacrylamide gels. Key applications include SDS-PAGE and native PAGE gel casting, as well as general protein and nucleic acid separation protocols.

Use as a radical initiator for polyacrylamide gel polymerization. Typically, add 50-100 µL of 10% APS per 10 mL of gel casting solution, immediately prior to pouring. Mix thoroughly and pour into the gel cassette.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
A007-1MLX10	10% Ammonium Persulfate	1 mL x 10