PRODUCT SPECIFICATION SHEET

10% SDS Solution

Catalog Number: S001-0500 **Size:** 500 mL **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 10% Sodium Dodecyl Sulfate (SDS) Solution is a high-purity, sterile-filtered anionic detergent widely used in protein electrophoresis, cell lysis buffers, and molecular biology procedures requiring protein denaturation.

Formulated with ultra-pure reagent grade SDS, this pre-made solution eliminates weighing hazardous powder and ensures exceptional reproducibility across experiments. Supplied in a convenient 500 mL format to streamline laboratory workflows.

2. Specifications

Concentration	10% (w/v)
Composition	10% (w/v) Sodium Dodecyl Sulfate (SDS) in ultrapure water, sterile filtered
Purity Grade	Molecular biology grade
Appearance	Clear, colorless liquid
Storage Conditions	Room temperature (15–25°C) or 2–8°C

3. Recommended Applications & Usage

Ideal for preparing Laemmli sample buffers, polyacrylamide gel electrophoresis (PAGE) running buffers, and cell lysis solutions for Western blotting.

Usage: Dilute to working concentration (typically 0.1% to 1%) as required by your specific protocol. Invert gently before use.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
S001-0500	10% SDS Solution	500 mL