PRODUCT SPECIFICATION SHEET

10X TAE Solution

Catalog Number: T002-10L **Size:** 10 L **Form:** Liquid, ready-to-use concentrate

1. Product Description

CELLPICK 10X TAE (Tris-acetate-EDTA) Solution is a high-purity electrophoresis buffer formulated for the separation of nucleic acids (DNA and RNA) in agarose and polyacrylamide gel electrophoresis workflows.

TAE buffer provides optimal resolution for larger DNA fragments (>4 kb) and is the preferred buffer for DNA recovery and subsequent enzymatic manipulations. Supplied in a convenient 10 L bulk packaging format to support high-throughput laboratory operations.

2. Specifications

Concentration	10X Concentrate
Composition	400 mM Tris acetate, 10 mM EDTA, molecular biology grade
pH	8.3 ± 0.1 at 25°C (1X working solution)
Appearance	Clear, colorless liquid
Storage Conditions	2–8°C (Refrigerated)

3. Recommended Applications & Usage

Ideal for routine DNA agarose gel electrophoresis, nucleic acid recovery, Southern blotting, and preparative gel electrophoresis.

Usage: Dilute 10X stock to 1X working solution with deionized, distilled water prior to use (e.g., add 100 mL of 10X TAE to 900 mL of water).

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
T002-10L	10X TAE Solution	10 L