PRODUCT SPECIFICATION SHEET

1X TAE Solution

Catalog Number: T003-1000 **Size:** 1000 mL **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 1X TAE (Tris-acetate-EDTA) Solution is a high-purity, sequencing-grade electrophoresis buffer ready for immediate use in nucleic acid (DNA and RNA) separation workflows using agarose and polyacrylamide gels.

Pre-mixed to working concentration with sterile water, this solution saves preparation time and eliminates dilution errors. It provides optimal resolution for larger DNA fragments (>4 kb) and is supplied in a 1000 mL packaging format.

2. Specifications

Concentration	1X (Ready-to-use)
Composition	40 mM Tris-acetate, 1 mM EDTA, sequencing grade, sterile solution
pH	8.3 ± 0.1 at 25°C
Appearance	Clear, colorless liquid
Storage Conditions	2–8°C (Refrigerated)

3. Recommended Applications & Usage

Ideal for routine DNA agarose gel electrophoresis, nucleic acid recovery, and preparative gel electrophoresis without the need for prior dilution.

Usage: Ready to use directly out of the container. Pour into the electrophoresis tank as required by standard protocols.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
T003-1000	1X TAE Solution	1000 mL