PRODUCT SPECIFICATION SHEET

5X TE, pH 8.0 Solution

Catalog Number: T019-0500 **Size:** 500 mL **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 5X TE, pH 8.0 Solution is a high-purity, sterile-filtered buffer widely used in molecular biology for dissolving, storing, and protecting DNA and RNA samples against degradation.

Formulated with Tris-HCl and EDTA to chelate divalent cations, this concentrated solution prevents enzymatic DNA/RNA breakdown and ensures stability during storage.

2. Specifications

Concentration	5X Concentrate (Sterile Filtered)
Composition	50 mM Tris-HCl, 5 mM EDTA, pH 8.0, molecular biology grade
pH	8.0 ± 0.1 at 25°C (1X working solution)
Appearance	Clear, colorless liquid
Storage Conditions	2–8°C (Refrigerated)

3. Recommended Applications & Usage

Ideal for dissolving DNA and RNA pellets, storing purified nucleic acids, and use in cloning, sequencing, and PCR workflows.

Usage: Dilute appropriately with sterile, nuclease-free water to prepare working concentrations before use.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
T019-0500	5X TE, pH 8.0 Solution	500 mL