PRODUCT SPECIFICATION SHEET

1M Tris-HCl Solution, pH 8.2

Catalog Number: T031-0500 **Size:** 500 ml **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 1M Tris-HCl Solution, pH 8.2 is a high-purity, sterile-filtered buffer solution commonly used in molecular biology workflows, electrophoresis, and enzymatic assays requiring standard alkaline buffering conditions.

Formulated using ultrapure Tris base and adjusted with hydrochloric acid to ensure consistent buffering capacity and excellent experimental reproducibility.

2. Specifications

Concentration	1M Working / Stock Solution (Sterile Filtered)
Composition	1M Tris(Hydroxymethyl) aminomethane buffer, pH 8.2, pH adjusted with HCl
pH	8.2 ± 0.1 at 25°C
Appearance	Clear, colorless liquid
Storage Conditions	2–8°C (Refrigerated)

3. Recommended Applications & Usage

Suitable for molecular biology applications, buffer preparation, and various enzymatic reactions requiring a stable alkaline environment.

Usage: Ready to use directly or dilute as required by standard laboratory protocol guidelines.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
T031-0500	1M Tris-HCl Solution, pH 8.2	500 ml