PRODUCT SPECIFICATION SHEET

1M Tris-HCl Solution, pH 7.4

Catalog Number: T037-0500 **Size:** 500 ml **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 1M Tris-HCl Solution, pH 7.4 is a high-purity, sterile-filtered buffer solution designed for molecular biology workflows, enzymatic reactions, and nucleic acid procedures requiring precise buffering capacity at physiological pH ranges.

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 7.4, pH adjusted with HCl
pH	7.4 ± 0.1 at 25°C
Appearance	Clear, colorless liquid
Storage Conditions	2–8°C (Refrigerated)

3. Recommended Applications & Usage

Suitable for molecular biology applications, enzymatic assays, and various buffer formulations requiring stable physiological pH conditions.

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

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
T037-0500	1M Tris-HCl Solution, pH 7.4	500 ml