PRODUCT SPECIFICATION SHEET

1M Tris-HCl Solution, pH 6.8

Catalog Number: T040-0500 **Size:** 500 ml **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 1M Tris-HCl Solution, pH 6.8 is a high-purity, sterile-filtered buffer solution commonly utilized in protein electrophoresis workflows, such as stacking gel preparation in SDS-PAGE, and other molecular biology applications.

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 6.8, pH adjusted with HCl
pH	6.8 ± 0.1 at 25°C
Appearance	Clear, colorless liquid
Storage Conditions	2–8°C (Refrigerated)

3. Recommended Applications & Usage

Suitable for protein electrophoresis (SDS-PAGE stacking gels), molecular biology assays, and buffer formulations requiring stable slightly acidic to neutral 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
T040-0500	1M Tris-HCl Solution, pH 6.8	500 ml