PRODUCT SPECIFICATION SHEET

0.5M Tris-HCl Solution, pH 6.8

Catalog Number: T041-0500 **Size:** 500 ml **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 0.5M Tris-HCl Solution, pH 6.8 is a high-purity, sterile-filtered buffer solution widely utilized in stacking gel preparation for SDS-PAGE and various molecular biology workflows.

Formulated using ultrapure Tris base and adjusted with hydrochloric acid to provide stable buffering capacity and ensure consistent, reproducible experimental results.

2. Specifications

Concentration	0.5M Working / Stock Solution (Sterile Filtered)
Composition	0.5M 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 procedures, and buffer formulations requiring neutral to slightly acidic stable 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
T041-0500	0.5M Tris-HCl Solution, pH 6.8	500 ml