PRODUCT SPECIFICATION SHEET

10X TBE DNA Sequencing Grade

Catalog Number: T008-0500 **Size:** 500 mL **Form:** Liquid, ready-to-use concentrate

1. Product Description

CELLPICK 10X TBE (Tris-borate-EDTA) DNA Sequencing Grade Solution is an ultra-pure, high-capacity electrophoresis buffer formulated for high-resolution polyacrylamide and agarose gel electrophoresis of nucleic acids.

Featuring an increased concentration suitable for bulk and high-throughput laboratory environments, this 10X formulation provides exceptional buffering capacity for prolonged or high-voltage electrophoresis runs. Manufactured to ensure optimal reproducibility in DNA sequencing and fragment analysis. Supplied in a 10 L bulk container.

2. Specifications

Concentration	10X Concentrate (DNA Sequencing Grade)
Composition	890 mM Tris, 890 mM Boric Acid, 20 mM EDTA, 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

Recommended for high-resolution analytical agarose and polyacrylamide gel electrophoresis, DNA sequencing, and small nucleic acid fragment recovery.

Usage: Dilute 1 volume of 10X TBE stock with 9 volumes of deionized water to prepare a 1X working solution prior to use.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
T008-0500	10X TBE DNA Sequencing Grade	500 mL