

# Tris-Borate-EDTA Buffer (TBE) Powder, pH 8.3

**Code No. T9121**      **Size: 10 pouches**  
**(for 10 L)**

## **Description:**

This product is a powder for preparing Tris-Borate-EDTA Buffer (TBE) used for agarose or polyacrylamide gel electrophoresis of nucleic acid. The buffer can easily be prepared by dissolving it with H<sub>2</sub>O. One pouch is for preparing 1,000 ml of TBE Buffer (pH 8.3).

## **Storage:**

Room temperature at desiccated condition.

## **Specifications:**

RNase/DNase activity: Non-detectable  
Format: Powder  
Concentration: 0.089 M Tris-Borate  
0.002 M EDTA  
Volume: For 1,000 ml  
pH: 8.3 ± 0.15 at 25°C (1X solution)

## **Preparation for use:**

Transfer one pouch of Tris-Borate-EDTA Buffer (TBE) Powder, pH 8.3 in a flask or beaker. Add 300 ml of distilled water or deionized water and stir the solution for a few minutes. Adjust the volume to 1,000 ml, and stir until complete dissolution.

## **Applications:**

Migration buffer for agarose and polyacrylamide gel electrophoresis of nucleic acid.

## **Note:**

This product may be solidified when stored under the humid condition. However, it would not affect the product quality. When the product is solidified, gently crumble the whole package and dissolve the content in a vessel.

## **Note**

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