

# Tris-Base

Cat# C3018 – 1 kg / C3019 – 5 kg (1kgx5)

Storage at Room Temp.

## INTRODUCTION

Tris is the most commonly used buffer in biological research. One of the most important applications is the use as an electrophoresis buffer for polyacrylamide and agarose gel electrophoresis, respectively. Tris should not be used at pH values under pH 7.2 or above pH 9.0. The pH value of a Tris buffer strongly depends on the temperature. Therefore, Tris buffers should be prepared at the temperature where it is used.

## INFORMATION

CAS number: 77-86-1

Molecular Biology Buffer, Electrophoresis

Tris-(hydroxymethyl)- aminomethane

Hill Formula :  $C_4H_{11}NO_3$

M.W.: 121.14

Assay (By Titration): 99.99% min.

Heavy metals: 5ppm max.

pH (5% Soln. in water): 10.0-11.5

Solubility (40% Soln. in water): Clear and Colorless

Appearance: White Crystalline Powder.

## PRODUCT USE LIMITATION

These products are intended for research use only.