1M Tris Cl, pH 8.0

Product Information

Introduction: 1M Tris Cl, pH 8.0 is an extensively used buffer in Molecular Biology. It is also used as the major component of several buffer solutions, e.g. Tris-EDTA buffer, Tris-acetate EDTA buffer, Tris-borate EDTA buffer, Tris-buffered saline etc.

Description: Tris is the common name of tris (hydroxymethyl) aminomethane. It is a primary amine and is effective as a buffer in the pH range between 7.0 and 9.2. Tris does not precipitate calcium salts and maintains solubility of manganese salts. It has a low UV absorbance but strong temperature sensitivity. This buffer is supplied as 1M.

Application: Tris-HCl buffer has many applications in molecular biology work, including use in nucleic acid purification. This product can be diluted to obtain the desired concentration.

Composition: 1M Tris Cl pH 8.0 buffer consists of 1M Tris, adjusted to pH 8.0 with HCl. These solutions are ready for use and require no extra preparation.

Properties:

- Appearance: Colorless solution
- Clarity: Clear and free of particles
- pH: 7.9 – 8.1
- DNase & RNase: None detected
- Bioburden: None detected
- Suitability test: This solution has been tested and is suitable for use

Storage conditions: 1M Tris Cl solution has to be stored at room temperature (15 - 25°C).

Technical Assistance
At HiMedia we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail at mb@himedialabs.com.