

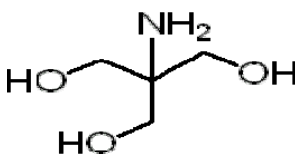


Certificate of Analysis

CP-Buffer-30

AxyGen's ready to use buffers, precipitants, salts, additives, and detergents provide the most complete and economical solution to crystallization of proteins, peptides, small molecules and nucleic acids. They can be used as a rapid Initial screening method or to accelerate the creation of optimization/follow up screens. Reagents are supplied in sterile bottles (100ml/bottle).

Product Name:	1.0 M Tris-HCl, pH 8.5
Description:	Trizma Base titrated with HCl
Catalog #:	CP-Buffer-30
Chemical Name:	2-Amino-2-(hydroxymethyl)-1,3-propanediol
Molecular Formula:	$\text{NH}_2\text{C}(\text{CH}_2\text{OH})_3$
Molecular Weight:	121.14
CAS Number:	77-86-1
Beilstein Registry:	741883
EC Number:	2010644
Purity:	$\geq 99.9\%$
Appearance:	White crystalline powder
Solubility:	Dissolves at 2g/3ml of water, yielding a clear, colorless solution
pKa (25 °C):	8.1
MP:	167-172 °C



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