

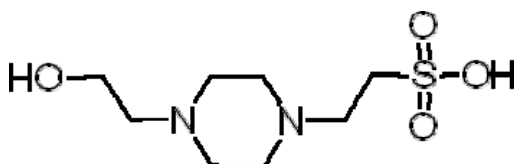


Certificate of Analysis

CP-Buffer-10

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 HEPES, pH 7.5
Description:	HEPES titrated with NaOH
Catalog #:	CP-Buffer-10
Chemical Name:	4-(2-Hydroxyethyl)piperazine-1-ethanesulfonic acid
Molecular Formula:	C ₈ H ₁₈ N ₂ O ₄ S
Molecular Weight:	238.30
CAS Number:	7365-45-9
Beilstein Registry:	883043
EC Number:	2309079
Purity:	≥99.5%
Appearance:	White crystalline powder
Solubility:	Dissolves in 500mg/ml in water, yielding a clear, colorless solution
pKa (25 °C):	7.5
MP:	234°C



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