

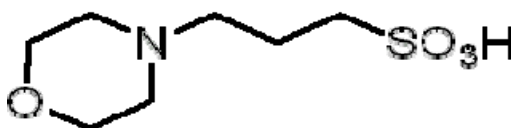


## Certificate of Analysis

CP-Buffer-23

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 (200ml/bottle).

**Product Name:** 1.0 M MOPS, pH 7.5  
**Description:** MOPS titrated with NaOH  
**Catalog #:** CP-Buffer-23  
**Chemical Name:** 3-(N-Morpholino)propanesulfonic acid  
**Molecular Formula:** C<sub>7</sub>H<sub>15</sub>NO<sub>4</sub>S  
**Molecular Weight:** 209.26  
**CAS Number:** [1132-61-2](#)  
**Beilstein Registry:** 1106776  
**EC Number:** 2144785  
**Purity:** ≥99.5%  
**Appearance:** White crystalline powder  
**Solubility:** This product is soluble at 1g/2ml of water, yielding a clear, colorless solution  
**pKa (25 °C):** 7.2



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