

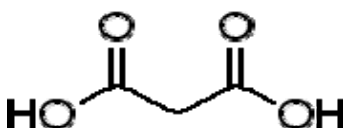


Certificate of Analysis

CP-Buffer-5

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:	3.4 M Sodium Malonate, pH 4.0
Description:	Malonic Acid titrated with NaOH
Catalog #:	CP-Buffer-5
Chemical Name:	Propanedioic acid
Molecular Formula:	$\text{CH}_2(\text{COOH})_2$
Molecular Weight:	104.06
CAS Number:	141-82-2
Beilstein Registry:	1751370
EC Number:	2055030
Purity:	98.0%
Appearance:	White powder
Solubility:	Dissolves in 100mg/ml of 1N NaOH, yielding a clear, colorless solution
MP:	132-135 °C



AxyGen BioSciences
33210 Central Ave., Union City, CA 94587
Ph.: (510) 476-1090 Fax: (510) 476-1091
Email: sales@axygenbio.com
Website: www.axygenbio.com