

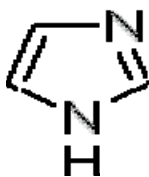


Certificate of Analysis

CP-Buffer-39

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 Imidazole-Maleate, pH 8.5
Description:	Imidazole-Maleate titrated with Maleic Acid
Catalog #:	CP-Buffer-39
Chemical Name:	1,3-Diaza-2,4-cyclopentadiene
Molecular Formula:	$C_3H_4N_2$
Molecular Weight:	68.08
CAS Number:	288-32-4
Beilstein Registry:	103853
EC Number:	2060192
Purity:	$\geq 99.5\%$
Appearance:	White crystalline powder
Solubility:	Soluble at 6.8g/l in water, yielding a clear, colorless solution
pKa (25 °C):	6.95
MP:	88-91 °C
Note:	Store in a dark place at room temperature



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