

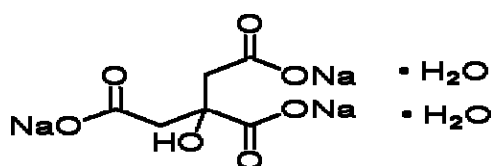


Certificate of Analysis

CP-Buffer-19

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 M Na-Citrate, pH 7.5
Description:	Sodium Citrate titrated with Citric Acid
Catalog #:	CP-Buffer-19
Chemical Name:	Sodium citrate tribasic dihydrate
Molecular Formula:	$\text{HOC}(\text{COONa})(\text{CH}_2\text{COONa})_2 \cdot 2\text{H}_2\text{O}$
Molecular Weight:	294.10
CAS Number:	6132-04-3
Beilstein Registry:	6104939
EC Number:	2006753
Purity:	$\geq 99.0\%$
Appearance:	White powder
Solubility:	This product is soluble at 1g/1.3ml in water, yielding a clear, colorless solution
MP:	$>300\text{ }^\circ\text{C}$



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