

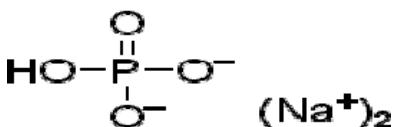


Certificate of Analysis

CP-Pre/Adi-61

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:	4.0M Na-K-Phosphate	
Description:	2M Sodium phosphate dibasic and 2M Potassium phosphate dibasic	
Catalog #:	CP-Pre/Adi-61	
Chemical Name:	Disodium hydrogen phosphate	and Dipotassium phosphate
Molecular Formula:	Na ₂ HPO ₄	and K ₂ HPO ₄
Molecular Weight:	141.96 (Na ₂ HPO ₄)	and 174.18 (K ₂ HPO ₄)
CAS Number:	7558-79-4	and 7758-11-4
EC Number:	2314487	and 2318345
Appearance:	White Powder	
Purity:	≥99% (Na ₂ HPO ₄)	and ≥99% (K ₂ HPO ₄)
Solubility:	Dissolves at 1M of water yielding a clear, colorless solution	
pKa (25 °C):	(1) 2.15, (2) 6.82, (3) 12.38 (phosphoric acid)	



(Na₂HPO₄)



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