

**Specification for Anhydrous Dibasic Calcium Phosphate,
Powder, USP (C1890)**

Item Number	C1890
Item	Anhydrous Dibasic Calcium Phosphate, Powder, USP
CAS Number	7757-93-9
Molecular Formula	CaHPO ₄
Molecular Weight	136.06
MDL Number	
Synonyms	Phosphoric Acid Calcium Salt ; Calcium Monohydrogen Phosphate

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY	97.5	102.5 %
LOSS ON IGNITION	6.6	8.7 %
ACID-INSOLUBLE SUBSTANCES		0.2%
CARBONATE	NO EFFERVESCENCE OCCURS	
CHLORIDE (Cl)		0.25%
FLUORIDE		50 ppm
SULFATE		0.5%
ARSENIC (As)		3 µg/g
BARIUM	NO TURBIDITY IS PRODUCED WITHIN 10 min.	
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION (A)	A WHITE PRECIPITATE IS FORMED	
IDENTIFICATION (B)	A YELLOW PRECIPITATE OF AMMONIUM PHOSPHOMOLYBDATE IS FORMED	
CERTIFIED HALAL		
RETEST DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS	AS REPORTED	

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