



Specification for Dibasic Calcium Phosphate, Dihydrate, Powder, USP (CA160)

Item Number	CA160
Item	Dibasic Calcium Phosphate, Dihydrate, Powder, USP
CAS Number	7789-77-7
Molecular Formula	$\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$
Molecular Weight	172.09
MDL Number	
Synonyms	Calcium Monohydrogen Phosphate ; Phosphoric Acid Calcium Salt ; Dibasic Calcium Phosphate

Test	Specification	
	Min	Max
ASSAY	98.0	105.0%
LOSS ON IGNITION	24.5	26.5%
ACID-INSOLUBLE SUBSTANCES		0.2%
CARBONATE (CO_3)	NO EFFERVESCENCE OCCURS	
CHLORIDE (Cl)		0.25%
FLUORIDE		50 ppm
SULFATE		0.5%
ARSENIC (As)		3 $\mu\text{g/g}$
BARIUM	NO TURBIDITY PRODUCED	
ELEMENTAL IMPURITIES:		
CADMIUM (Cd)	AS REPORTED	
LEAD (Pb)	AS REPORTED	
MERCURY (Hg)	AS REPORTED	
IDENTIFICATION (A)	WHITE PRECIPITATE FORMS	
IDENTIFICATION (B)	YELLOW PRECIPITATE FORMS	
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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