



## Specification for Tribasic Calcium Phosphate, Powder, NF (CA165)

Item Number	CA165
Item	Tribasic Calcium Phosphate, Powder, NF
CAS Number	12167-74-7
Molecular Formula	Ca <sub>5</sub> (OH)(PO <sub>4</sub> ) <sub>3</sub>
Molecular Weight	502.31
MDL Number	
Synonyms	Calcium Hydroxide Phosphate ; Tricalcium Phosphate

Test	Specification	
	Min	Max
ASSAY (Ca)	34.0	40.0 %
LOSS ON IGNITION		8.0 %
WATER-SOLUBLE SUBSTANCES		0.5 %
ACID-INSOLUBLE SUBSTANCES		0.2 %
CARBONATE (CO <sub>3</sub> )	NO EFFERVESCENCE PRODUCED	
CHLORIDE (Cl)		0.14 %
FLUORIDE		75 ppm
NITRATE (NO <sub>3</sub> )	BLUE COLOR PERSISTS	
SULFATE		0.8 %
ARSENIC (As)		3 ppm
BARIUM	NO TURBIDITY FORMS	
DIBASIC SALT AND CALCIUM OXIDE	13.0 - 14.3 ml	
ELEMENTAL IMPURITIES:		
CADMIUM (Cd)	AS REPORTED	
LEAD (Pb)	AS REPORTED	
VANADIUM (V)	AS REPORTED	
MOLYBDENUM (Mo)	AS REPORTED	
CHROMIUM (Cr)	AS REPORTED	
IDENTIFICATION (A)	YELLOW PRECIPITATES FORMS	
IDENTIFICATION (B)	WHITE PRECIPITATES FORMS	
CERTIFIED KOSHER		
CERTIFIED HALAL		

Test	Specification	
	Min	Max
RETEST DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS		AS REPORTED

***Spectrum Chemical Mfg Corp***

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