



## Specification for Calcium Acetate, USP, EP, bioCERTIFIED (TM) (C9001)

Item Number	C9001
Item	Calcium Acetate, USP, EP, bioCERTIFIED (TM)
CAS Number	62-54-4
Molecular Formula	C <sub>4</sub> H <sub>6</sub> CaO <sub>4</sub>
Molecular Weight	158.17
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
APPEARANCE	White to off-white powder	
Assay (Anhydrous Basis, USP)	99.0	100.5 %
pH	7.2	8.2
WATER DETERMINATION		7.0 %
APPEARANCE OF SOLUTION		TO PASS TEST
FLUORIDE (F)		50 ppm
ARSENIC (As)		3 ppm
ALUMINUM (Al)		2 ppm
IRON (Fe)		20 ppm
Magnesium (EP)		500 ppm
POTASSIUM (K)		500 ppm
SODIUM (Na)		500 ppm
STRONTIUM (Sr)		500 ppm
ELEMENTAL IMPURITIES	AS REPORTED	
LEAD (Pb)		10 ppm
BARIUM (Ba, USP)		TO PASS TEST
Barium (Ba, ICP-OES)		50 ppm
CHLORIDE (Cl)		330 ppm
SULFATE (SO <sub>4</sub> ).		600 ppm
NITRATE (NO <sub>3</sub> )		TO PASS TEST
READILY OXIDIZABLE SUBSTANCES		TO PASS TEST
MICROBIAL CONTENT:		
BACTERIAL ENDOTOXINS		25 EU/g
TAMC		100 CFU/g

Test	Specification	
	Min	Max
TYMC		100 CFU/g
IDENTIFICATION		TO PASS TEST
RETEST DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	
CLASS 3 (solvent) / ACETIC ACID		

***Spectrum Chemical Mfg Corp***

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