



**Specification for Glacial Acetic Acid, USP, EP, BP, JP,  
bioCERTIFIED (TM) (A9004)**

Item Number	A9004
Item	Glacial Acetic Acid, USP, EP, BP, JP, bioCERTIFIED (TM)
CAS Number	64-19-7
Molecular Formula	C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>
Molecular Weight	60.05
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY	99.5	100.5 %
APPEARANCE	Clear and colorless	
CONGEALING TEMPERATURE	15.6°C	
NONVOLATILE RESIDUE (w/v)		0.005 %
CHLORIDE (Cl)		TO PASS TEST
CHLORIDES (EP)		25 mg/L
SULFATE (SO <sub>4</sub> ).		TO PASS TEST
SULFATES (EP)		50 mg/L
IRON (EP)		5 ppm
READILY OXIDIZABLE SUBSTANCES		TO PASS TEST
Potassium Permanganate-reducing Substances (JP, EP)		TO PASS TEST
ELEMENTAL IMPURITIES		AS REPORTED
HEAVY METALS (JP)		10 ppm
BACTERIAL ENDOTOXINS		6.0 EU/g
MICROBIAL CONTENT:		
TAMC		1000 CFU/g
TYMC		100 CFU/g
IDENTIFICATION		TO PASS TEST
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS		AS REPORTED

***Spectrum Chemical Mfg Corp***

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