



## Specification for Citric Acid, Anhydrous, Reagent, ACS (C1280)

Item Number	C1280
Item	Citric Acid, Anhydrous, Reagent, ACS
CAS Number	77-92-9
Molecular Formula	C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>
Molecular Weight	192.13
MDL Number	
Synonyms	2-Hydroxy-1,2,3-propanetricarboxylic Acid

Test	Specification	
	Min	Max
ASSAY (H <sub>3</sub> C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> )	99.5 %	
INSOLUBLE MATTER		0.005 %
RESIDUE AFTER IGNITION		0.02 %
CHLORIDE (Cl)		0.001 %
OXALATE (C <sub>2</sub> O <sub>4</sub> )	TO PASS TEST (limit about 0.05 %)	
PHOSPHATE (PO <sub>4</sub> )		0.001 %
SULFUR COMPOUNDS (as SO <sub>4</sub> )		0.002 %
IRON (Fe)		3 ppm
LEAD (Pb)		2 ppm
SUBS.CARBONIZABLE BY HOT H SO ACID(TARTRATES)	TO PASS TEST	
IDENTIFICATION	TO PASS TEST	
APPEARANCE		
EXPIRATION DATE		
DATE OF MANUFACTURE		

### *Spectrum Chemical Mfg Corp*

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