



Specification for Citric Acid, Monohydrate, Crystal, Reagent, ACS (C1285)

Item Number	C1285
Item	Citric Acid, Monohydrate, Crystal, Reagent, ACS
CAS Number	5949-29-1
Molecular Formula	$C_6H_8O_7 \cdot H_2O$
Molecular Weight	210.14
MDL Number	
Synonyms	2-Hydroxy-1,2,3-propanetricarboxylic Acid

Test	Specification	
	Min	Max
ASSAY ($C_6H_8O_7 \cdot H_2O$)	99.0	102.0 %
INSOLUBLE MATTER		0.005 %
RESIDUE AFTER IGNITION		0.02 %
CHLORIDE (Cl)		0.001 %
OXALATE (C_2O_4)		TO PASS TEST (limit about 0.05 %)
PHOSPHATE (PO_4)		0.001 %
SULFUR COMPOUNDS (as SO_4)		0.002 %
IRON (Fe)		3 ppm
LEAD (Pb)		2 ppm
SUBSTANCES CARBONIZABLE BY HOT SULFURIC ACID (TARTRATES, etc)	TO PASS TEST	
APPEARANCE		
DATE OF MANUFACTURE		

Spectrum Chemical Mfg Corp

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