



Specification for Citric Acid, Monohydrate, Crystalline Powder, USP (C1296)

Item Number	C1296
Item	Citric Acid, Monohydrate, Crystalline Powder, USP
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 (ANHYDROUS BASIS)	99.5	100.5%
CLARITY OF SOLUTION	NO MORE OPALESCENCE THAN STANDARD	
COLOR OF SOLUTION	NO MORE COLOR THAN STANDARD	
WATER DETERMINATION	7.5	9.0%
RESIDUE ON IGNITION		0.1%
READILY CARBONIZABLE SUBSTANCES	NOT DARKER THAN STANDARD	
SULFATE		0.015%
ELEMENTAL IMPURITIES		AS REPORTED
OXALIC ACID		0.036 %
IDENTIFICATION (FTIR)	SPECTRUM MATCHES REFERENCE	
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS		AS REPORTED

Spectrum Chemical Mfg Corp

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