



# Specification for Oxalic Acid, Dihydrate, Crystal, Reagent, ACS (O1025)

Item Number	O1025
Item	Oxalic Acid, Dihydrate, Crystal, Reagent, ACS
CAS Number	6153-56-6
Molecular Formula	$(\text{COOH})_2 \cdot 2\text{H}_2\text{O}$
Molecular Weight	126.07
MDL Number	
Synonyms	Ethanedioic Acid

Test	Specification	
	Min	Max
ASSAY [ $(\text{COOH})_2 \cdot 2\text{H}_2\text{O}$ ]	99.5	102.5 %
SUBSTANCES DARKENED BY HOT $\text{H}_2\text{SO}_4$		TO PASS TEST
INSOLUBLE MATTER		0.005 %
RESIDUE AFTER IGNITION		0.01 %
CHLORIDE (Cl)		0.002 %
SULFATES ( $\text{SO}_4$ )		0.005 %
CALCIUM (Ca)		0.001 %
NITROGEN COMPOUNDS (as N)		0.001 %
HEAVY METALS (by ICP-OES)		5 ppm
IRON (Fe)		2 ppm
APPEARANCE		
DATE OF MANUFACTURE		

### *Spectrum Chemical Mfg Corp*

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