

PRODUCT SPECIFICATION

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Catalog : C1285

Citric Acid, Monohydrate, Crystal, Reagent, ACS

CAS# : 5949-29-1

Formula : C₆H₈O₇·H₂O

Formula Weight : 210.14

Test

**Limit
Min. Max.**

Test	Limit Min. Max.
ASSAY (C ₆ H ₈ O ₇ ·H ₂ O)	99.0- 102.0 %
INSOLUBLE MATTER	-- 0.005 %
RESIDUE AFTER IGNITION	-- 0.02 %
CHLORIDE (Cl)	-- 0.001 %
OXALATE (C ₂ O ₄)	--TO PASS TEST (limit about 0.05 %)
PHOSPHATE (PO ₄)	-- 0.001 %
SULFUR COMPOUNDS (asSO ₄)	-- 0.002 %
IRON (Fe)	-- 3 PPM
LEAD (Pb)	-- 2 PPM
SUBSTANCES CARBONIZABLE BY HOT SULFURIC ACID (TARTRATES, etc)	-- TO PASS TEST