



# CERTIFICATE OF ANALYSIS

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Code 90422

CITRIC ACID, ANHYDROUS, ACS Reagent, -80 mesh, (2-Hydroxy-1,2,3-propanetricarboxylic Acid)  
 $\text{HO}_2\text{CCH}_2\text{C}(\text{OH})(\text{CO}_2\text{H})\text{CH}_2\text{CO}_2\text{H}$

Assay, $\text{C}_6\text{H}_8\text{O}_7$	>99.5%
	MAXIMUM ALLOWABLE
Insoluble matter	0.005%
Residue after ignition	0.02%
Chloride (Cl)	0.001%
Oxalate ( $\text{C}_2\text{O}_4$ )	Passes test (Limit about 0.05%)
Phosphate ( $\text{PO}_4$ )	0.001%
Sulfate ( $\text{SO}_4$ )	0.002%
Iron (Fe)	3 ppm
Lead (Pb)	2 ppm
Substances carbonizable by hot sulfuric acid	Passes test

Conforms to ACS, Reagent Chemicals, Tenth Edition, 2006