

EM SCIENCE

CERTIFICATE OF ANALYSIS

NAME: Citric Acid, Anhydrous
Granular, GR
ITEM NUMBER: CX1723
LOT NUMBER: 38056
FORMULA: $\text{HO}(\text{CO})\text{CH}_2\text{C}(\text{OH})(\text{COOH})\text{CH}_2\text{COOH}$
FORMULA WT: 192.13
Meets ACS Specifications
Data Order No: 00020772

PROPERTY	LIMITS		RESULTS	UNITS
	Min.	Max.		
Assay	99.5		99.79	%
Chloride (Cl)		0.001	<0.0001	%
Insoluble matter		0.005	<0.0005	%
Iron (Fe)		3	<0.3	ppm
Lead (Pb)		2	<0.2	ppm
Oxalate (C2O4)			Passes test	
Phosphate (PO4)		0.001	<0.0001	%
Residue after ignition		0.02	<0.002	%
Substances carbonized by hot sulfuric acid			Passes test	
Sulfur compounds (as SO4)		0.002	<0.0002	%

Charles M. Wilson,
Quality Assurance Manager
Analysis Date: 3/6/98

