

CERTIFICATE OF ANALYSIS - 06/01/2012

PRODUCT NAME: CITRIC ACID ANHYDROUS USP / FCC		
General Characteristics:		
Formula H3 C6 H5 O7		
Molecular Weight 192.13		
Solubility (g/100 ml at 25°C)		
In Water 162		
In Alcohol 59.1		
Taste Tart		
MOLECULAR WEIGHT: 192.13		
Regulatory Status:		
This Food Additive complies with all the compendial requirements of the U.S. Pharmacopeia, Food Chemical Codex, Code of Federal Regulations, European Pharmacopoeia, British Pharmacopoeia, Japanese Pharmacopoeia, and W.H.O./F.A.O. Food Additive Specification.		
TESTS:	SPECIFICATIONS:	RESULTS:
CHARACTERISTICS	Free-flowing, colorless, translucent crystals or as a white granular to fine crystalline powder.	COMPLIES
SOLUBILITY	CONFORMING WITH TEST	COMPLIES
TRANSPARENCY AND COLOR OF SAMPLE	MEETS USP	COMPLIES
CLARITY OF SOLUTION	MEETS USP	COMPLIES
HEAVY METALS	≤5PPM	<4PPM
OXALATE	≤100PPM	<100PPM
READILY CARBONISABLE SUBSTANCES	NOT DEEPER THAN STANDARD	NOT DEEPER THAN STANDARD
SULPHATE	≤150PPM	<150PPM
RESIDUE ON IGNITION	≤0.05%	≤0.01%
LEAD	≤ .5 PPM	≤ .5 PPM
MERCURY	≤1 PPM	≤1 PPM
WATER	≤0.5%	0.10%
ASSAY	99.5%~100.5%	99.98%

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