



Sunshine Biotech International Co., Ltd

Citric Acid Anhydrous FCC/USP

Description

Citric acid anhydrous is widely used in the food, beverage, agriculture and chemical industries. A major industrial use is in the manufacture of ecologically compatible detergents. It is also used in chemical cleaning and a range of other applications. The citric acid is manufactured by a submerged fermentation process using natural carbohydrates USP, FCC, BP, and E330.

General Characteristics

Formula:	C ₆ H ₈ O ₇
Molecular weight:	192.13
Appearance:	White crystals
Taste:	Sour taste
Odor:	odorless
CAS Number:	77-92-9
EINECS No.:	201-069-1
Particle size:	Granular 10-40mesh, Fine Granular 30-100mesh

Standard Specifications

Item	Unit	Specification
Characters	---	White Crystalline Powders, Colorless Crystals or Granules
Identification (A,B)	---	Pass Test
Color & Clarity of Solution	---	Pass Test
Assay	%	99.5-100.5
Water	%	≤0.5
Heavy Metals	ppm	≤5
Oxalate	ppm	≤360
Sulphate	ppm	≤150
Calcium	ppm	≤20
Sulphate ASH	%	≤0.05
Readily Carbonisable Substances	---	Pass Test
Aluminum	ppm	≤0.2
Arsenic	ppm	≤1
Lead	ppm	≤0.5
Bacterial Endotoxins	I.U./mg	Pass Test
Sterility	%	Pass Test
Residue on ignition	%	≤0.05
Chloride	ppm	≤50
Iron	ppm	≤1
Solution Color	---	80 APHA Max
Organic volatile impurity	---	Pass Test
Tridodecylamine	ppm	≤0.1

Packaging

25Kg	Multiwall paper bags
50lb (22.7kg)	Multiwall paper bags
2000lb(908kg)	Super sacks
1000Kg	Super sacks

Shelf Life and Storage

Shelf life: 3 years

Storage Conditions: Store in closed containers in a cool,dry area

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