



Sunshine Biotech International Co., Ltd

# Citric Acid Anhydrous

Date: MAR 15, 2024

## **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, and can meet USP, FCC, BP, and E330.

## **General Characteristics:**

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

## **Standard Specifications:**

Item	Unit	STANDARD DATA	TEST METHOD
Characters	---	White Crystalline Powders, Colorless Crystals or Granules	USP 43
Identification		Pass test	USP 43
Color & Clarity of Solution		Pass test	USP 43
Transmittance	Spectro	>96%	USP 43
Assay	%	99.5-100.5	USP 43
Water	%	≤0.5	USP 43
Heavy Metals	ppm	≤5	USP 43
Oxalate	ppm	≤100	USP 43
Sulphate	ppm	≤150	USP 43
Calcium	ppm	≤75	USP 43
Sulphate ASH	%	≤0.05	USP 43
Readily Carbonisable Substances	---	<0.52	USP 43
Aluminum	ppm	≤0.2	USP 43
Arsenic	ppm	≤1	USP 43
Bacterial Endotoxins	I.U./mg	Pass Test	USP 43
Chloride	ppm	≤50	USP 43
Iron	ppm	≤5	USP 43
Lead	ppm	≤0.5	USP 43
Mercury	ppm	≤1	USP 43
Organic Volatile Impurity	---	Pass Test	USP 43
Tridodecylamine	ppm	≤0.1	USP 43

Marks: Analysis is based on in production line control or random testing.

## **Packing:**

25Kg Multiwall paper bags  
50lb (22.7kg) Multiwall paper bags

## **Shelf Life and Storage:**

Shelf life: 3 years

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

