UNIA™

CITRIC ACID ANHYDROUS

Technical Specifications

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:	$C_6H_8O_7$
Molecular weight:	192.13
Appearance:	White crystals
Taste:	Sour taste
Odor:	odorless
CAS No.:	77-92-9
EINECS No.:	201-069-1
Particle size:	Granular 12-40 mesh

Standard Specifications:

Item	Unit	STANDARD DATA
Characters	---	White Crystalline Powders,Colorless Crystals or Granules
Identification		Pass test
Color &Clarity of Solotion		Pass test
Transmittance	Spectro	>96%
Assay	%	99.5-100.5
Water	%	≤0.3
Heavy Metals	ppm	≤3
Oxalate	ppm	≤50
Sulphate	ppm	≤50
Calcium	ppm	≤75
Sulphate ASH	%	≤0.05
Readily Carbonisable Substances	---	Pass Test
Aluminum	ppm	≤0.2
Arsenic	ppm	≤0.1
Bacterial Endotoxins	I.U./mg	⩽0.5
Chloride	ppm	≤5
Iron	ppm	≤5
Lead	ppm	≤0.5
Mercury	ppm	≤1
Residue on ignition	%	≤0.5
Organic Volatile Impurity	---	Pass Test
Tridodecylamine	ppm	≤0.1

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

Packing:

25Kg	Multiwall paper bags
50lb (22.68kg)	Multiwall paper bags

Shelf Life and Storage:

Shelf life: 3 years

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