



Sunshine Biotech International Co.,Ltd

Citric Acid Anhydrous

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 meets FCC VIII/USP.

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 |

Standard Specifications:

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

Packing:

| | |
|---------------|----------------------|
| 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

188 MOO4 TAMBOL THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140

Tel: 037278801 Fax: 037278801 <http://www.sunshinethai.net>