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Citric Acid Monohydrate CAS 5949-29-1

Product Description

product name: Citric Acid Monohydrate

CAS No.: 5949-29-1

Purity: 99% min

Appearance: White Crystal Powder

Citric Acid Monohydrate is mainly used as flavoring agent, preservative and antistaling agent in food and beverage industry. Citric Acid Monohydrate also can be used as antioxidant, plasticizer, detergent in chemical, cosmetics and detergent industries. As a food additive, Citric Acid Anhydrous is an essential food ingredient in our food supply. As a leading food additives and food ingredients supplier in China, we can provide you with high quality Citric Acid Anhydrous.



Citric Acid Monohydrate Specification:

ITEM	SPECIFICATION	RESULT
Appearance	Colorless or white crystal	Colorless or white crystal
Identification	Complies with the limit Test	Conforms
Clarity&Colour of Solution	Pass test	Pass test
Purity	99.5~101.0%	99.96%
Moisture	7.5~8.8%	8.72%
Sulphated Ash	≤0.05%	0.01%
Sulphate	≤150ppm	<150ppm
Oxalic acid	≤100ppm	<100ppm
Heavy Metals	≤5ppm	<5ppm
Readily Carbonisable Substance	Pass test	Pass test
Bacterial Endotoxin	≤0.5IU/mg	<0.5IU/mg
Aluminium	≤0.2ppm	<0.2ppm
Lead	≤0.5ppm	<0.5ppm
Arsenic	≤1ppm	< 1ppm
Mercury	≤1ppm	< 1ppm
Mesh	8-80MESH	Conforms
Conclusion: IN CONFORMITY WITH BP/USP/FCC/E330		

Citric Acid Monohydrate Function&Application:

1. In the food industry, Citric Acid Monohydrate is used as the acidulant in the making of soda, candy, biscuit, can, jam, juice and so on. it can be used as the antioxidant of grease.
2. In the medicine industry, Citric Acid Monohydrate is the raw material of many pharmaceuticals, such as ferric ammonium citrate (blood tonic), sodium citrate (blood transfusion agent) and so on. Moreover, citric acid is also used as the acidulant in lots of medicines.
3. In the chemical industry, Citric Acid Monohydrate can be taken as the non-toxic plasticizer to make the plastic film of food package.

4. Citric Acid Monohydrate can be used as both the auxiliary agent in the industrial and civil detergent to make nuisanceless detergent and the retarder in concrete.

