

PREMIUM INGREDIENT CO.,LTD

Dongsheng Rd, Tianan Cyber park,High tech industrial development zone, Jiangyin City, Jiangsu Province, China

Item Name: CITRIC ACID MONOHYDRATE

1. Ingredients/Identity Information

Ingredient: Citric Acid Monohydrate

Chemical family: Organic acid,

Formula: $C_6H_8O_7 \cdot H_2O$

Molecular Weight: 210.14

CAS Number: 5949-29-1

2. Main uses

mainly used in food, beverage, pharmaceutical industry as an acid, flavoring and preservatives, preservative, pharmaceutical accessories; In the chemical industry, cosmetics industry and washing industry as antioxidants, plasticizers, detergents, etc.

3. Storage condition

Store in a cool, dry place, away from light, sealed, ventilated, low temperature

4. Packing specification

25kg / bag, 500kg / bag, 1000kg / bag pallet packaging and multi-specification packaging to meet customer demand;

5. Quality standard

The product is in conformity with **BP2013/USP35/FCC8/E330**

Shelf life: 3 years

Item	Unit	Quality Standards
Characters	---	White or almost white, crystalline powder, colourless crystals or granules. Odorless, has a strongly acid taste. effloresces in dry air. Very soluble in water, freely soluble in ethanol.
Identification	---	Pass Test
Appearance of solution	---	Pass Test
Assay	%	99.5~ 100.5
Water	%	7.5~ 8.8
Readily Carbonisable Substances	---	Pass Test
Sulphated Ash (Residue on Ignition)	%	≤ 0.05
Sulfate	mg/kg	≤ 150
Oxalate	mg/kg	≤ 100
Lead	mg/kg	≤ 0.5
Arsenic	mg/kg	≤ 1
Mercury	mg/kg	≤ 1
Aluminium	mg/kg	≤ 0.2
Heavy Metals	mg/kg	≤ 5
Bacterial endotoxins	IU/mg	≤ 0.5