

Product Specification/Technical Data Sheet

Product Name: Citric Acid Monohydrate BP/USP/FCC/E330/ENSIGN

Molecular Formula: C₆H₈O₇·H₂O

Molecular Weight: 210.1

CAS No.: 5949-29-1

Parameter	Standard
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	Passes Test
Appearance of Solution	Passes Test
Assay	99.5%-100.5%
Water	7.5%-8.8 %
Readily Carbonisable Substances	Passes Test
Sulphated Ash (Residue on Ignition)	≤0.05 %
Sulfate	≤50mg/kg
Oxalate	≤50mg/kg
Aluminium	≤0.2mg/kg
Lead	≤0.1mg/kg
Arsenic	≤0.1mg/kg
Mercury	≤0.1mg/kg
Heavy Metals	≤5mg/kg
Bacterial Endotoxins	<0.5 IU/mg
Chloride	≤5 mg/kg

Application

Citric Acid is mainly used as acidulant, flavoring agent, preservative and antistaling agent in food and beverage industry. It is also used as antioxidant, plasticizer and detergent in chemical, cosmetics and cleaning industries.

Package

25kg net 3-ply kraft paper bags or composite paper-plastic bags, 500kg or 1000kg net PP woven jumbo bags.

Storage:

Store in tightly closed original container in a dry, cool, well-ventilated place.

Shelf Life:

Three years

Particle Size:

8-40mesh (0.425-2.360mm)