

## Technical Data Sheet

**Product Name:** Citric Acid Anhydrous

**Molecular Formula:** C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>

**Molecular Weight:** 192.1

**CAS No.:** 77-92-9

NOT FOR MEDICINAL USE

Parameter	Standard
Characters	White or almost white, crystalline powder, colourless crystals or granules. Odorless, has a strongly acid taste. Very soluble in water, freely soluble in ethanol.
Identification	Passes Test
Appearance of Solution	Passes Test
Assay	99.5%-100.5%
Water	≤0.5%
Readily Carbonisable Substances	Passes Test
Sulphated Ash (Residue on Ignition)	≤0.05%
Sulfate	≤150mg/kg
Oxalate	≤100mg/kg
Aluminium	≤0.2mg/kg
Lead	≤0.5mg/kg
Arsenic	≤1mg/kg
Mercury	≤1mg/kg
Heavy Metals	≤10mg/kg
Bacterial Endotoxins	<0.5 IU/mg

### 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:** 30-100mesh (0.150-0.600) mm, 12-40mesh (0.425-1.700) mm

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