

## Citric Acid Anhydrous (Food Grade)

**Chemical formula:** C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>

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

**Rel. mol. weight:** 192. 13

**EINECS No.:** 201-069-1

**E-No.:** E330

### Quality standard:

Below mentioned quality parameters comply with BP2012(EP7)/USP35/FCC9/E330 standards.

### Chemical and physical requirements

#### Quality parameter

#### Guaranteed value

Identification	pass test
Clarity and colour of solution	pass test
Content	99.5 – 100.5 %
Barium	pass test
Calcium	max. 10 ppm
Chloride	max. 5 ppm
Iron	max. 1 ppm
Aluminium	max. 0.2 ppm
Sulphate	max. 20 ppm
Oxalates	max. 20 ppm
Heavy metals	max. 1 ppm
Lead	max. 0.5 ppm
Arsenic	max. 0.2 ppm
Mercury	max. 0.1 ppm
Residue on ignition	max. 0.03 %
Readily carbonisable substances	pass test
UV absorbance	pass test
Moisture	max. 0.15 %
Bacterial endotoxins	max. 0.5 I.U./mg
Mesh size	16 - 40Mesh or 30 - 100Mesh

**Description:** Colourless crystals or a white, crystalline powder.

**Packing:** 25 kg multi layer, paper and plastic bags / big bags optionally available.

**Storage terms:** Store in indoor, dry warehouse, free of chemical exhalations, in original intact packing.  
Recommended storage condition : +5 °C - +30 °C, relative air humidity max. 75 %.

**Shelf life:** 2 years

**Transport regulations:** R/S phrases R36 / S24/25

Not classified as dangerous substance according to ADR/RID/GGVS/GGVE/IMDG/IATA/ICAO.

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