



## Specification

### Citric Acid Anhydrous Powder USP/FCC/EP

**Catalog Number:** CA1002  
**CAS Number:** 77-92-9  
**Molecular Formula:**  $C_6H_8O_7$   
**Molecular Weight:** 192.12  
**Storage:** 15°C – 30°C, very hygroscopic  
**Retest Period:** Three years from date of manufacture.

Test	Specification
Appearance	Colorless crystals
Assay	99.5 – 100.5%
Identification	To meet requirement
Particle Size 60mesh 200mesh	< 2% > 50%
Solution Clarity Color	To meet requirement To meet requirement
Moisture	≤ 0.5%
Residue on Ignition	≤ 0.05%
Readily Carbonizable Substances	To meet requirement
Sulfate	≤ 0.015%
Oxalate	≤ 0.036%
Heavy Metals	≤ 5ppm
Lead	≤ 0.5ppm
This product meets the specifications for USP, FCC, EP, BP and JP grades.	

Approved:

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