



## Specification

### Citric Acid Anhydrous USP

**Catalog Number:** CA1008  
**CAS Number:** 77-92-9  
**Molecular Formula:**  $C_6H_8O_7$   
**Molecular Weight:** 192.12  
**Storage:** 15°C – 30°C, very hygroscopic  
**Retest Period:** Five years from date of manufacture.

Test	Specification
Appearance	Colorless crystals
Assay	99.5 – 100.5%
Identification	Meets the requirement
Color & Clarity	To pass test
UV Absorbance	To pass test
% Retained on Sieving	US30 $\leq$ 1.0% US30 $\leq$ 5.0%
Moisture	$\leq$ 0.5%
Residue on Ignition	$\leq$ 0.05%
Readily Carbonizable Substances	Meets the requirement
Organic Volatile Impurities	Meets the requirement
Tridodecylamine	$\leq$ 0.1mg/kg
Calcium	To pass test
Sulfate	$\leq$ 5mg/kg
Oxalate	To pass test
Limit of Oxalic Acid	$\leq$ 0.036%
Heavy Metals	$\leq$ 5mg/kg
Arsenic	$\leq$ 1ppm
Lead	$\leq$ 0.5mg/kg
All lots meets the specifications for USP34.	

Approved:

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