

Technical Data Sheet

Product Name: Citric Acid Anhydrous BP/USP/FCC/E330

Molecular Formula: C₆H₈O₇

Molecular Weight: 192.1

CAS No.: 77-92-9

<i>Parameter</i>	<i>Standard</i>
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	≤0.2 %
Readily Carbonisable Substances	A≤0.52
	T≥30%
Sulphated Ash	≤0.05 %
Sulphates	≤150 ppm
Oxalates	≤100 ppm
Calcium	≤75 ppm
Iron	≤5 ppm
Aluminum	≤0.2 ppm
Arsenic	≤1 ppm
Lead	≤0.5 ppm
Mercury	≤1 ppm
Heavy Metals (as Pb)	≤5 ppm
Bacterial Endotoxins	<0.5 IU/mg
Volatile Organic Impurities	Passes Test

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 (0.150-0.600mm), 12-40mesh (0.425-1.700mm)