TECHNICAL DATA SHEET

ACIDE CITRIQUE ANHYDROUS

Product Specification

Product Name: Citric Acid Anhydrous
Molecular Formula: C6H8O7
Molecular Weight: 192.1
CAS No.: 77-92-9

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, very slightly soluble in diethyl ether.
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	≤50mg/kg
Oxalate	≤50mg/kg
Chloride	≤5mg/kg
Lead	≤0.1mg/kg
Arsenic	≤0.1mg/kg
Mercury	≤0.1mg/kg
Aluminium	≤0.2mg/kg
Heavy Metals	≤5mg/kg
Bacterial Endotoxins	＜0.5 IU/mg

Application

Citric Acid is mainly used as acidulant, flavoring agent, preservative and antistaling agent in food 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 or Form-Fill-Seal heavy packaging PE 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