

Product Specification

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

Molecular Formula: $C_6H_8O_7 \cdot H_2O$

Molecular Weight: 210.1

CAS No.: 5949-29-1

Parameter	Standard
Characters	White Crystalline Powder, Colorless Crystals or Granules
Identification	Passes Test
Appearance of Solution	Passes Test
Assay	99.5-100.5 %
Water	7.5-8.8 %
Readily Carbonisable Substances	Not Darker than Standard
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
Tridodecylamine	≤ 0.1 ppm

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: Two years

Particle Size: 8-40mesh (0.425-2.360mm)