



Technical Data Sheet

Product Name: Citric Acid Monohydrate

Chemical Name: 2-Hydroxypropane-1, 2, 3-Tricarboxylic Acid.

Molecular Formula: $C_6H_8O_7 \cdot H_2O$

Molecular Weight: 210.14

CAS No.: 5949-29-1

Description: White Crystalline Powders, Colorless Crystals or Granules

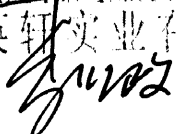
Application: Citric Acid is mainly used as acidulant, flavoring agent, preservative and antistaling agent in food and beverage industry. It is also used as antioxidant, plasticizer and detergent in chemical, cosmetics and cleaning industries.

Package: 25kg net composite paper-plastic bags or 3-ply kraft paper bags with PE liner, 500kg or 1000kg net PP woven Jumbo bags

Storage: Kept in a light-proof, well-closed, dry and cool place, to avoid mixed storage with toxic, odor, and non-ferrous powders.

Quality Standards: BP2009, USP32, FCC6, E330

Particle Size: 8-16, 8-40

WEIFANG ENSIGN INDUSTRY CO., LTD.
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TDS of Citric Acid Monohydrate

Item	Unit	BP 2009	USP 32	FCC 6	E 330
Characters		White Crystalline Powders, Colorless Crystals or Granules			
Identification		Pass Test			
Color & Clarity of Solution		Pass Test	Pass Test	/	Pass Test
Assay	%	99.5-100.5	99.5-100.5	99.5-100.5	99.5-100.5
Water	%	7.5-9.0	7.5-9.0	≤8.8	7.5-8.8
Readily Carbonisable Substances		Not Darker than Standard	Not Darker than Standard	Pass Test	Pass Test
Sulphated Ash	%	≤0.1	≤0.1	≤0.05	≤0.05
Sulphate	ppm	≤150	≤150	/	≤150
Oxalate	ppm	≤360	≤360	Pass Test	≤100
Calcium	ppm	/	/	/	≤75
Iron	ppm	/	/	/	≤5
Aluminum	ppm	≤0.2	≤0.2	/	/
Arsenic	ppm	/	/	/	≤1
Lead	ppm	/	/	≤0.5	≤0.5
Mercury	ppm	/	/	/	≤1
Heavy Metals	ppm	≤10	≤10	/	≤5
Bacterial Endotoxins	IU/mg	<0.5	Pass Test	/	/
Volatile Organic Impurities		/	/	/	Pass Test
Tridodecylamine	ppm	/	/	≤0.1	/

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