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SPECIFICATION

PRODUCT NAME: CITRIC ACID ANHYDROUS

DATE: July 20, 2019

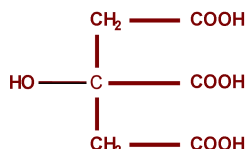
CAS NUMBER: 77-92-9

APPEARANCE: COLORLESS OR WHITE CRYSTALS OR POWDER

MOLECULAR FORMULA: C₆H₈O₇

MOLECULAR WEIGHT: 192.13

STRUCTURAL FORMULA:



ITEM	STANDARD
CHARACTERS	COLOURLESS TRANSLUCENT CRYSTALS OR AS WHITE, FINE, CRYSTALLINE POWDER
IDENTIFICATION	PASS TEST
CLARITY AND COLOUR OF SOLUTION	PASS TEST
CONTENT	99.5-100.5%
MOISTURE	≤0.5%
OXALIC ACID	≤100mg/kg
SULPHATE	≤150ppm
READILY CARBONISABLE SUBSTANCES	ABS ≤0.52 TRA ≥30 %
RESIDUE ON IGNITION (SULPHATED ASH)	≤0.05%
HEAVY METALS	≤10ppm
ARSENIC	≤1mg/kg
LEAD	≤0.5mg/kg
MERCURY	≤1mg/kg
ALUMINIUM	≤0.2ppm
BACTERIAL ENDOTOXINS	≤0.5IU/mg
ISOCITRIC ACID (RELATIVE SUBSTANCES)	PASS TEST
POLYCYCLIC AROMATIC HYDROCARBON	PASS TEST
TRILAURYLAMINE	≤0.1mg/kg
STERILITY	PASS TEST
BARIUM	PASS TEST
CALCIUM	≤200ppm
IRON	≤50ppm
CHLORIDE	≤50ppm

Application:

Citric acid is mainly used as an acidulating, flavoring and preservative in foods and beverages. It is also used as antioxidant, plasticizer and detergent builder.

Package & quantity: The packing of our citric acid anhydrous includes 25kg per bag, 1000kg per bag with pallet, 500-1000kg per bag.

Storage: Kept in a light-proof, well-closed, dry and cool place.

Shelf life: Three years.

Granulation: 12-40mesh/20-50mesh/30-80mesh/30-100mesh/8-30mesh/16-40mesh/pass 60mesh

PH Value(5% solution): 1.7-2.0

GENERAL MANAGER