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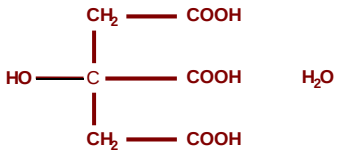
SPECIFICATION

Date:March 04,2021

PRODUCT NAME: CITRIC ACID MONOHYDRATE
CAS NUMBER:5949-29-1
APPEARANCE:COLORLESS OR WHITE CRYSTALS OR POWDER
MOLECULAR FORMULA: $C_6H_8O_7.H_2O$
MOLECULAR WEIGHT:210.14
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	7.5-8.8%
OXALATE/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
ISOCIRIC ACID	PASS TEST
BARIUM	PASS TEST
CALCIUM	≤200ppm
IRON	≤50ppm
CHLORIDE	≤50ppm

THE QUALITY OF THE PRODUCT CONFORMS WITH ALL REQUIREMENTS OF BP/EP/USP/FCC/E330/IP/JSFA/FAO/WHO CCFAS Vol.4
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:25kg per bag
Storage: Store in a cool and dry place.
Shelf life: three years
Mesh size:6-10mesh/6-40mesh/8-16mesh/8-40mesh/8-80mesh/12-40mesh/below 12mesh/16-40mesh/ 20-100mesh/30-100mesh/below 30mesh/below 40mesh