



## RZBC (JUXIAN) CO., LTD.

NO.209, LAIYANG ROAD, JUXIAN ECONOMIC DEVELOPMENT ZONE,  
RIZHAO, SHANDONG, CHINA 276500

### SPECIFICATION

Date: Jan. 19, 2021

PRODUCT NAME: CITRIC ACID ANHYDROUS

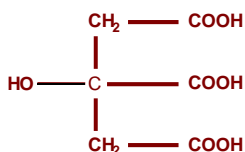
CAS NUMBER: 77-92-9

APPEARANCE: COLORLESS OR WHITE CRYSTALS OR POWDER

MOLECULAR FORMULA:  $C_6H_8O_7$

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	$\leq 0.5\%$
OXALATE/OXALIC ACID	$\leq 100\text{mg/kg}$
SULPHATE	$\leq 150\text{ppm}$
READILY CARBONISABLE SUBSTANCES	ABS $\leq 0.52$ TRA $\geq 30\%$
RESIDUE ON IGNITION (SULPHATED ASH)	$\leq 0.05\%$
HEAVY METALS	$\leq 10\text{ppm}$
ARSENIC	$\leq 1\text{mg/kg}$
LEAD	$\leq 0.5\text{mg/kg}$
MERCURY	$\leq 1\text{mg/kg}$
ALUMINIUM	$\leq 0.2\text{ppm}$
ISOCIRIC ACID	PASS TEST
BARIIUM	PASS TEST
CALCIUM	$\leq 200\text{ppm}$
IRON	$\leq 50\text{ppm}$
CHLORIDE	$\leq 50\text{ppm}$

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, 500kg per bag, 1000kg per bag

Storage: Store in a cool and dry place.

Shelf life: Three years.

Mesh size: 8-40mesh/8-80mesh/10-40mesh/12-40mesh/14-40mesh/16-40mesh/below 22mesh/20-50mesh/

30-100mesh/40-100mesh/below 60mesh