

Citric acid

Cat. No. FA-PRE-001

Lot. No. (See product label)



Product Name

Citric acid

Product overview

Citric acid is mainly used as acidifying agent, solubilizer, buffering agent, antioxidant, deodorization deodorization agent, flavor enhancer, gelling agent, toner. In addition, citric acid and inhibiting bacteria, protecting color, flavor, and promote the improvement of sucrose conversion effect. Citric acid also has chelating effect, can remove some harmful metal. Citric acid can prevent the oxidation caused by enzyme catalysis and metal catalyst, so as to prevent the frozen fruit color and flavor.

CAS number

77-92-9

Molecular formula

$C_6H_8O_7$

Specification

BP/USP/FCC

HS code

29181400

Appearance

White crystals

Appearance of solution

Pass test

Iron

Not more than 50 ppm

AS

Not more than 1 ppm

Lead

Not more than 0.5 ppm

Mercury

Not more than 1 ppm

Aluminum

Not more than 0.2 ppm

Bacteriaendotoxic

Not more than 0.5 IU/mg

Clarity & color of solution

Clear

Content

99.5% to 101.0%

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Sulphate

Not more than 150 ppm

Oxalate

Not more than 350 ppm

Heavy metal (as Pb)

Not more than 5 ppm

Barium

Pass

Calcium

Not more than 200 ppm

Chloride

Not more than 50

Vitriol ash

Not more than 0.05%

Water

Not more than 0.5%

Readily carbonisable substances

Not darker than the standard

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