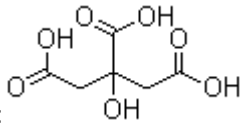


CITRIC ACID ANHYDROUS

FOOD GRADE

Technical Data



Structural Formula:

Molecular Formula: C₆H₈O₇

Molecular Weight: 192.12

CAS No.: 77-92-9

Product Specification

		Typical
Appearance	Colorless or white crystal	Conform
Identification & Solubility	Pass test	Conform
Clarity & Color of solution	20% water solution clarity	Conform
Assay	99.5%-101.0%	99.91%
Humidity	0.5%	0.14%
Sulphated ash	0.1%	0.03%
Sulphate	150ppm	< 30ppm
Oxalates	100ppm	< 20ppm
Calcium	200ppm	< 10ppm
Heavy metals	5ppm	< 1ppm
Iron	50ppm	< 1ppm
Chloride	50ppm	< 5ppm
Readily carbureted substance	Standard color	Conform
Barium	Pass the test	Conform
Baterial Endotoxin	0.5IU/mg	< 0.5IU/mg
Aluminium	0.2ppm	< 0.2ppm
Arsenic	1ppm	< 0.5ppm
Mercury	1ppm	< 0.1ppm
Lead	1ppm	< 0.5ppm
Organic volatile impurity	Conform	Conform
Tridodecylamine	0.1ppm	< 0.1ppm

Regulatory Compliance

Citric Acid Anhydrous conforms to the requirement of BP98/E330.

Qingdao Samin Chemical Co.,Ltd.

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Website: [Www.Saminchemical.Com](http://www.Saminchemical.Com)



CITRIC ACID Packaging
ANHYDROUS FOOD
GRADE

25kg kraft bag

Packaging is compliant with regulations for materials intended to come into contact with food.

Applications

Food, Beverages, Flavour enhancer, Colouring, Preservative, Detergents, Cleaners, Pharmaceuticals, Cosmetics, Industrial and Chemical processing.

Storage

Store under dry and cool condition, and keep product air-tight.

Health and Safety Information

Contact with dry citric acid or with concentrated solutions can result in skin and eye irritation, so protective clothing should be worn when handling these materials.

Excessive consumption is capable of eroding the tooth enamel.

Contact to the eyes can cause a burning sensation, and may cause blindness with prolonged exposure in extremely high concentrations (as anything with low enough pH will).

Sometimes a high concentration of citric acid can damage hair and bleach it.

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