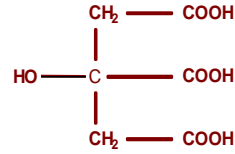


Product Specification

Date: Feb.09,2017

Product : Citric Acid Anhydrous
Product number: 77-92-9
Appearance: Colorless or white crystals or powder
Molecular formula: C₆H₈O₇
Molecular weight: 192.13

Structural Formula:


Test Item	BP2016	EP 8.8	USP39	E330 (EU)No. 231/2012	JP XVI	FCC 10
Characteristics	colorless, translucent crystals or white, granular to fine, crystalline powder					
Identification	pass test					
Clarity & Color of Solution	pass test					
Content (%)	99.5-100.5	99.5-100.5	99.5-100.5	≥99.5	99.5-100.5	99.5-100.5
Moisture (%)	≤1.0	≤1.0	≤1.0	≤0.5	≤1.0	≤0.5
Arsenic (PPm)	/	/	/	≤1mg/kg	/	/
Heavy metals (PPm)	≤10	≤10	≤10	/	≤10	/
Oxalates (expressed as Oxalic acid) (PPm)	≤360	≤360	≤0.036%	≤100mg/kg	pass test	pass test
Sulphate (PPm)	≤150	≤150	≤0.015%	/	≤0.048%	/
Readily Carbonisable Substance	not darker than standard (1.0g)	not darker than standard (1.0g)	not darker than standard (1.0g)	not darker than standard (1.0g)	not darker than standard (0.5g)	1.0g sample 470nm Abs≤0.52; T%≥30
Sulphated Ash (%)	≤0.1	≤0.1	≤0.1 (residue on ignition)	≤0.05	≤0.1 (residue on ignition)	≤0.05
Organic Volatile Impurities/Residual Solvents	/	/	pass test	/	/	/
Lead (PPm)	/	/	/	≤0.5mg/kg	/	≤0.5
Mercury (PPm)	/	/	/	≤1mg/kg	/	/
Aluminium (PPm)	≤0.2	≤0.2	≤0.2	/	/	/
Bacterial Endotoxins (IU/mg)	≤0.5	≤0.5	pass test	/	/	/
Trilaurylamine (PPm)	/	/	/	/	/	≤0.1
Sterility	/	/	pass test	/	/	/

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

PH Value(5% solution): 1.7-2.0

SO₂: not detected

Signature: