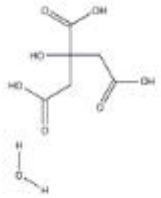
Hefei TNJ Chemical Industry Co.,Ltd.
D1508 Xincheng Business Center,
Qianshan Road, Hefei 230022 China
Tel : (0086) 551 65418695
Fax: (0086) 551 65418697
Email: info@tnjchem.com
Site: www.tnjchem.com

TNJ®
Specialized in chemicals

Technical Data Sheet

Basic information

Chemical name	Citric acid monohydrate	Formula	C6H10O8
Synonyms	2-Hydroxy-1,2,3-propanetricarboxylic acid; Citric acid, anhydrous,	Chemical structure	
CAS.No.	5949-29-1		
EINECS No.	200-662-2		
Molecular weight	210.13		

Physical properties

Appearance	white crystalline powder

Specification

Items	**Specification (FCC/BP/E330/USP)**
Appearance	Colorless crystals or a white, crystalline powder
Identification Test	Confirming with the test
Clarity& Solution Color	Confirming with the test
Assay, %	99.5~100.5
Moisture, %	7.5~8.8
Readily Carbonizable Substances	A≤0.52, T%≥30
Sulphate, %	≤0.015
Oxalates, %	≤0.01
Heavy Metals, ppm	≤10
Lead, ppm	≤0.5
Aluminium, ppm	≤0.2
Arsenic, ppm	≤1
Mercury, ppm	≤1
Sulfated Ash, %	≤0.05
Bacterial Endotoxin, IU/mg	≤0.5
Tridodecylamine, ppm	≤0.10

Application

Citric Acid is mainly used as acidulant, flavoring agent, preservative and antistaling agent in food and beverage industry, it is also used as antioxidant, plasticizer and detergent in chemical, cosmetics and cleaning industries.

Package

25kg per bag;25mt per 20ft container without pallets, 22 MT with pallets;

500kg or 1000kg per bag, 20mt per 20ft container with pallets;

Plastic woven bag, 25kg net composite paper-plastic bags or 3-ply kraft paper bags with PE liner,500kg or 1000kg net PP woven Jumbo bags

Safety on transportation

It belongs to common goods, always refer to MSDS.

Storage and handling

Kept in a light-proof, well-colsed,dry and cool place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us.However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

***Issue Date**: 1st,12,2019*