

TECHNICAL SPECIFICATION

CITRIC ACID ANHYDROUS 12-40 MESH

1. GENERALITIES

Chemical Name	:	CITRIC ACID ANHYDROUS
Molecular formula	:	C ₆ H ₈ O ₇
CAS N°	:	77-92-9

Parameter	Units	SPECIFICATION
Description	--	White crystalline Powder Colorless Crystals or granules
Identification	--	Pass test
Assay	%	99.5 - 100.5
Appearance of Solution		Passes test
Water	%	≤0.2
Readily carbonisable substance	--	Not darker than standard
Sulphated Ash	%	≤0.05
Sulphates	ppm	≤150
Oxalate	ppm	≤100
Heavy Metal (as Pb)	ppm	≤5
Calcium	ppm	≤75
Iron	ppm	≤5
Lead	ppm	≤0.5
As	ppm	≤1
Mercury	ppm	≤1
Aluminum	ppm	≤0.2
Bacteria Endotoxin	IU/mg	≤0.5
Volatile Organic Impurities	--	Pass
Tridodecylamine	mg/Kg	≤0.1

Application

Citric Acid is mainly used as acidulant, flavouring 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

25 kg net 3-ply kraft paper bags or composite paper-plastic bags, 500 kg or 1000 kg net PP woven junbo bags.

Shelf life : Two years

Particle size : 30-110 mesh (0.150 -0.6000mm), 12-40 mesh (0.425-1.700 mm)

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