

Prostar Chemicals Co.,Ltd.

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Specification Of Citric Acid

No	Parameter	Specification Value	
		Citric acid Anhydrous	Citric acid Monohydrate
A	Physisal		
	Appearance	Free - flowing, white or colorless granules and crystalline powder, free of foreign matter	Free - flowing, white or colorless granules and crystalline powder, free of foreign matter
	Identification - Citrate *	Pass of test	Pass of test
	% Assay	99.5 - 100.5%	99.5 - 100.5 %
	% Moisture	0.5% Max	7.5 - 8.8 %
B	Solubility	Soluble in water and ethanol (Not Detected of foreign particles size > 0.8 mm)	Soluble in water and ethanol (Not Detected of foreign particles size > 0.8 mm)
	Chemical		
	Sulphate ash	0.05 % Max	0.05 % Max
	Oxalate	100 ppm Max	100 ppm Max
	Sulphate	150 ppm Max	150 ppm Max
	Arsenic*	1 ppm Max	1 ppm Max
	Heavy Metal*	10 ppm Max	10 ppm Max
	Barium	Pass of test	Pass of test
	Calcium	200 ppm Max	200 ppm Max
	Ferric*	50 ppm Max	50 ppm Max
	Lead*	0.5 ppm Max	0.5 ppm Max
	Chloride	50 ppm Max	50 ppm Max
	Mercury'*	1 ppm Max	1 ppm Max
RCS	Pass of test	Pass of test	
C	Biological		
	Pathogenic bacteria	-	-

- Remarks :**
- Shelf life 3 years at Room temperature (< 40°C), Good air ventilation
 - Package and packing size : Content 25 and 500 kg in close container. Inner for PE Bag, Outer for PP Bag
 - How to use : Follow a recipe or check your pH, best before practice .
 - Handing and Storage: Keep away from the sun, Keep container tightly closed, in dry and well-ventilated area.
 - This product does not contain the Genetically Modified Organisms.
 - Reference Specification value: BP 1998 ,TISI 464-2544, JECFA 23rd (1999), FCC5th amd JP Std(XIV)
 - * Reference test result by external laboratory in time once a year by examining the BP 1998