

# EAST CHEMSOURCES LIMITED

No.666 Haibin 12th Road, Huangdao, Qingdao,China

## Technical Data Sheet OF CITRIC ACID ANHYDROUS

**Commodity Name:** Citric Acid Anhydrous

**CAS No.:** 77-92-9

**H.S. Code:** 29181400.00

**Molecular Formula:** C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>

**Molecular Weight:** 192.14

**Description:** free flowing, colorless or white crystalline powder.

**Specification:**

Item	Unit	BP 2009	USP 32	FCC 6 E 330	GB1987-2007	
Characters		White Crystalline Powders, Colorless Crystals or Granules				
Identification		Pass Test				
Color & Clarity of Solution		Pass Test	Pass Test	/	Pass Test	/
Assay	%	99.5-100.5		99.5-100.5		
Water	%	≤1.0	≤1.0	≤0.5	≤0.2	≤0.5
Light Transmittance	%	/	/	/	/	≥96.0
Calcium	ppm	/	/	/	≤75	≤200
Iron	ppm	/	/	/	≤5	≤5
Arsenic	ppm	/	/	/	≤1	≤1
Mercury	ppm	/	/	/	≤1	/
Heavy Metals	ppm	≤10	≤10	/	≤5	/
Oxalate	ppm	≤360	≤360	Pass Test	≤100	≤100
Chloride	ppm	/	/	/	/	≤50
Sulphate	ppm	≤150	≤150	/	≤150	≤100
Readily Carbonisable Substances		Not Darker than Standard	Not Darker than Standard	Pass Test	Pass Test	≤1.0
Sulphated Ash	%	≤0.1	≤0.1	≤0.05	≤0.05	≤0.05
Volatile Organic Impurities		/	/	Pass Test		
Tridodecylamine	mg/kg	/	/	≤0.1		
Lead	ppm	/	/	≤0.5	≤0.5	≤0.5
Aluminum	ppm	≤0.2	≤0.2	/	/	/
Bacterial Endotoxins	IU/mg	<0.5	Pass Test	/	/	/
Water Insoluble Substances		/	/	/	/	Filtration time not more than 1 min;

						Filter membrane basically doesn't change color; Visual mottled particles not more than 3.
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**Allergenic:** The product contains none of the ingredients of the list of allergenic of the EC.

**Packing :** 25KG paper bag with PE inner

**Usage:** 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.

**Storage and Transportation:** Kept in a light-proof,well closed,dry and cool place