



Lianyungang Kede Chemical Industry Co.,Ltd.

ADD:Yunqiao No.8 road,dapu industry park, Lianyungang National Eco&Tech Development

Jiangsu Province,China Tel:0086-518-85159112 Fax:0086-518-85430571

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Sodium Citrate

- Chemical Name: Sodium Citrate
- Formula: $\text{Na}_3\text{C}_6\text{H}_5\text{O}_7 \cdot 2\text{H}_2\text{O}$
- Molecular Weight: 294.10
- Specificity: Colourless or white crystalline granule or crystalline powder, odourless; taste salty,soluble in water (1g/1.5ml,25°C), insoluble in ethanol, steady in air, slightly deliquescence in moist air,PH7.6-8.6 in 5% aqueous solution,when heated to 150°C, it may lose crystal water.
- Quality standard:

Name of index	GB3782-1986	BP93
Appearance	Colourless or white crystal or crystalline	
Content,($\text{Na}_3\text{C}_6\text{H}_5\text{O}_7 \cdot 2\text{H}_2\text{O}$)%	≥99.0	99.0~101.0
PH value	Accord with the stipulation	0.2
Heavy metal (As Pb) , %	≤0.0005	≤0.001
Arsenic (As), %	≤0.0001	---
Ba, %	conform	---
Fe, %	≤0.001	---
Oxalates, %	≤0.05	≤0.03
Sulphates, %	≤0.03	≤0.015
Calcium,	conform	---
Chlorides, %	≤0.01	≤0.005
Easy carbonify substance,	conform	conform
Loss on drying,%	---	10.0-13.0

- USES:In food industry,it is used as buffer,chelate agent,nutrition enhancer, emulsifier,flavor for buttermilk, balance the sour flavor of citric acid in soft beverage; prevent rancidification in dairy products.or as anchoring agent for cheese and meat;gelling agent for pudding,fruit juice; emulsifier and stabilizer for cheese and ice cream. In pharmaceutical industry, it is used as anticoagulant, or preservatives for syrup preparation.
- Packing: It is packed with polyethylene bag as inner, and a composite paper bag as the outer layer.The net weight of each bag is 25kg.



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- Storage and Transport: It should be stored in a dry, ventilative and clean warehouse,kept away from moisture and hot,futhermore,it shoud be stored separately from poisonous. Avoid damage to the bags.Its expiry date is two year.