

## Trisodium Citrate Dihydrate

**CAS No.** 6132-04-3  
**Molecular weight** 294.10  
**Formula** C<sub>6</sub>H<sub>5</sub>Na<sub>3</sub>O<sub>7</sub>\*2H<sub>2</sub>O

Item	Specification
Appearance	Colourless crystals or as white, crystalline powder
pH (5% aqueous solution)	7.6 – 9.0
Assay %	99.0 - 100.5
Loss on drying (water) %	10.0 – 13.0
Heavy metals	≤ 10ppm
Chloride	≤ 50ppm
Sulphates	≤ 150ppm
Oxalate	≤ 100ppm
Arsenic	≤ 1mg/kg
Lead	≤ 2mg/kg
Mercury	≤ 1mg/kg

### Application

Trisodium citrate is used to enhance flavour and maintain stability of active ingredients in food and beverages. In detergent industry, it can replace STPP as a kind of assistant. It can also be used in fermentation, injection, photography and metal plating. Available mesh: 12-40mesh/ 16-40mesh/ 30-100mesh/ 40-80mesh.

### Package and Storage

Sodium Citrate: 25 kg/bag, Big-bags.  
 Shelf life is 3 years, must be stored in light-proof, closed, dry and cool place.