

## Product Specification Sheet

**Product Name:** Tri Sodium Citrate      **CAS Number:** 6132-04-3  
**Country of Origin:** India

### Product Exclusive Features:

- It is white granular crystals or crystalline powder odourless and taste saline.
- It is very water soluble, practically insoluble in alcohol and soluble in glycerine.

### Product Specification:

Sr No.	Test	Specification
1	Description	White or almost white crystalline or granular crystals
2	Solubility	Freely soluble in water and very soluble in boiling water
3	Appearance of solution	10 % aqueous solution is clear and colourless.
4	Acidity or Alkality	Passes as per pharmacopoeia
5	Sodium	Not more than 0.3 % w/w
6	Chlorides	Passes as per pharmacopoeia
7	Sulphates	Passes as per pharmacopoeia
8	Heavy Metals	Passes as per pharmacopoeia
9	Oxalates	Passes as per pharmacopoeia
10	Readily Carbonisable	Passes as per pharmacopoeia
11	Arsenic	Passes as per pharmacopoeia
12	Tartrates	Passes as per pharmacopoeia
13	Pyrogens	Passes as per pharmacopoeia
13	Loss on drying	Between 4.0 % and 6.0 % w/w
14	Assay	Between 99.0 % and 100.5 % w/w

**Product Shelf Life:** 2 Year from the date of Manufacturing  
**Packing:** 25 kg HDPE woven sack bag with LD liner

## Applications of Tri Sodium Citrate

### Pharmaceuticals Applications

- ORS Powder
- ORS Liquid
- Antacid
- Anticoagulant
- Buffering agent

### Personal Care

- Oral Care-Toothpaste
- Hair Care-Shampoos, Conditioner, Hair dyes-Henna
- Skin Care-Bath Gel, Shower gel, Liquid Handwash
- Cosmetics-Liquid Makeup, Moisturizing Foundation, Face Powder, Lip Gloss, Lipsticks

### Industrial Applications

- Cleaning automobile radiators
- Boiler descaling
- Paper, pulp industry
- Textile industry
- Metal working

### Beverages

- Functional Beverages
- Soft Drinks
- Juices
- Instant Beverages
- Alcohol Beverages

### Other Applications

- Basic food Ingredients
- Confectioneries
- Jam & Jelly
- Desserts
- Convenience food
- Health Food Ingredients / Nutraceuticals
- Other Processed Foods

### Dairy Applications

- Cultured Products
- Frozen Desserts
- Cheese
- Other dairy Products

### Agrochemicals / Pesticides / Insecticides