

## Tri-Sodium Citrate Dihydrate

**Chemical formula:**  $C_6H_5Na_3O_7 \cdot 2H_2O$

**Rel. mol. weight:** 294.10

**CAS No.:** 6132-04-3

**EINECS No.:** 200-675-3

### Quality standard:

Below mentioned quality parameters comply with BP2012(EP7)/USP35/FCC9/E331 standards.

### Chemical and physical requirements

#### Quality parameter

#### Guaranteed value

Identification	pass test
Clarity and colour of solution	pass test
Barium	pass test
Calcium	max. 50 ppm
Chloride	max. 5 ppm
Iron	max. 5 ppm
Sulphate	max. 20 ppm
Oxalates	max. 20 ppm
Heavy metals (as Pb)	max. 1 ppm
Arsenic	max. 0.2 ppm
Readily carbonisable substances	pass test
Pyrogen	pass test
Acidity or alkalinity	pass test
Content	99.0 - 100.5 %
Moisture	11.0 - 13.0 %
Tartrate	pass test
Mesh size	16 - 40Mesh or 30 - 100Mesh

**Description:** Colourless crystals or a white, crystalline powder.

### Storage terms:

Store in indoor, dry warehouses, free of chemical exhalations, in original intact packing

Recommended storage temperature: +5 °C - +30 °C, Recommended relative air humidity: max. 75 %.

**Shelf life:** 2 years

### Transport regulations:

Not classified as dangerous substance according to ADR/RID/IATA/ICAO.

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