

## SPECIFICATION

## Trisodium Citrate Dihydrate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay ( $C_6H_5Na_3O_7 \cdot 2H_2O$ )	min.99.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/l solution at 25°C	7.5~9.0
Chloride (Cl)	max.0.001%(mass/mass)
Phosphate (PO <sub>4</sub> )	max.0.002%(mass/mass)
Sulfur compounds (as SO <sub>4</sub> )	max.0.005%(mass/mass)
Nitrogen compounds (as N)	max.0.001%(mass/mass)
Copper (Cu)	max.1ppm(mass/mass)
Calcium (Ca)	max.0.002%(mass/mass)
Lead (Pb)	max.3ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)
Substances darkened by sulfuric acid	to pass test

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(\*:Additional test performed by Wako but not required by JIS)