

Code No.19-0178

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 ₄)	max.0.002%(mass/mass)
Sulfur compounds (as SO ₄)	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

JIS K 8288:2007

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