

## SPECIFICATION

## Phosphoric Acid

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Colorless clear liquid
Assay (H <sub>3</sub> PO <sub>4</sub> )	min.85.0%(mass/mass)
Solubility in ethanol	to pass test
Volatile acids (as CH <sub>3</sub> COOH)	max.0.001%(mass/mass)
Chloride (Cl)	max.2ppm(mass/mass)
Nitrate	to pass test
Sulfate (SO <sub>4</sub> )	max.0.002%(mass/mass)
Sodium (Na)	max.0.01%(mass/mass)
Potassium (K)	max.0.005%(mass/mass)
Copper (Cu)	max.5ppm(mass/mass)
Zinc (Zn)	max.5ppm(mass/mass)
Cadmium (Cd)	max.5ppm(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Arsenic (As)	max.0.5ppm(mass/mass)
Manganese (Mn)	max.5ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)
Nickel (Ni)	max.5ppm(mass/mass)
Substances reducing permanganate (as H <sub>3</sub> PO <sub>3</sub> )	max.0.005%(mass/mass)

JIS K 9005:2006(\*:Additional test performed by Wako but not required by JIS)