

## SPECIFICATION

## Iron(II) Sulfate Heptahydrate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Pale bluish green, crystals ~ crystalline powder
Assay (FeSO <sub>4</sub> ·7H <sub>2</sub> O)	99.0~102.0%(mass/mass)
Solubility in dil.sulfuric acid	to pass test
Chloride (Cl)	max.0.001%(mass/mass)
Phosphate (PO <sub>4</sub> )	max.0.001%(mass/mass)
Nitrogen compounds (as N)	max.0.001%(mass/mass)
Sodium (Na)	max.0.01%(mass/mass)
Potassium (K)	max.0.01%(mass/mass)
Copper (Cu)	max.0.002%(mass/mass)
Magnesium (Mg)	max.0.01%(mass/mass)
Calcium (Ca)	max.0.01%(mass/mass)
Zinc (Zn)	max.0.005%(mass/mass)
Lead (Pb)	max.0.002%(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Manganese (Mn)	max.0.02%(mass/mass)
Iron(III) (Fe <sup>3+</sup> )	max.0.05%(mass/mass)

JIS K 8978:2008(\*:Additional test performed by Wako but not required by JIS)