

SPECIFICATION

Iron(III) Sulfate n-Hydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Slightly yellow ~ pale grayish brown, powder or mass
Assay [as Fe ₂ (SO ₄) ₃]	60.0~80.0%(mass/mass)
Solubility in dil.sulfuric acid	to pass test
Chloride (Cl)	max.0.003%(mass/mass)
Nitrate (NO ₃)	max.0.01%(mass/mass)
Sodium (Na)	max.0.01%(mass/mass)
Potassium (K)	max.0.01%(mass/mass)
Copper (Cu)	max.0.005%(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.5ppm(mass/mass)
Manganese (Mn)	max.0.03%(mass/mass)
Iron(II) (Fe ²⁺)	max.0.03%(mass/mass)

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