

SPECIFICATION

Iron(II) Chloride Tetrahydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	to pass test
Assay (FeCl ₂ ·4H ₂ O)	99.0~102.0%(mass/mass)
Solubility in dil.hydrochloric acid	to pass test
Sulfate (SO ₄)	max.0.005%(mass/mass)
Nitrogen compounds (as N)	max.0.001%(mass/mass)
Sodium (Na)	max.0.005%(mass/mass)
Potassium (K)	max.0.001%(mass/mass)
Copper (Cu)	max.0.001%(mass/mass)
Magnesium (Mg)	max.0.005%(mass/mass)
Calcium (Ca)	max.0.005%(mass/mass)
Zinc (Zn)	max.0.005%(mass/mass)
Lead (Pb)	max.0.005%(mass/mass)
Arsenic (As)	max.5ppm(mass/mass)
Manganese (Mn)	max.0.03%(mass/mass)
Iron(III) (Fe ³⁺)	max.0.1%(mass/mass)

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