

Code No.09-0091

## SPECIFICATION

## Iron(II) Chloride Tetrahydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	to pass test
Assay ( $\text{FeCl}_2 \cdot 4\text{H}_2\text{O}$ )	99.0~102.0%(mass/mass)
Solubility in dil.hydrochloric acid	to pass test
Sulfate ( $\text{SO}_4$ )	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) ( $\text{Fe}^{3+}$ )	max.0.1%(mass/mass)

JIS K 8137 : 2018

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