

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 (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) |

JIS K 8137 : 2018

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