

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