

SPECIFICATION

Ammonium Iron(III) Sulfate 12-Water

Guaranteed Reagent

| REQUIREMENT | SPECIFICATION |
|---|-----------------------|
| * Appearance | Pale purple crystals |
| Assay [FeNH ₄ (SO ₄) ₂ ·12H ₂ O] | min.99.0%(mass/mass) |
| Solubility in dil.sulfuric acid | to pass test |
| Water-insoluble matter | max.0.005%(mass/mass) |
| Chloride (Cl) | max.5ppm(mass/mass) |
| Nitrate | to pass test |
| Phosphate (PO ₄) | max.0.001%(mass/mass) |
| Sodium (Na) | max.0.01%(mass/mass) |
| Potassium (K) | max.0.01%(mass/mass) |
| Copper (Cu) | max.0.002%(mass/mass) |
| Magnesium (Mg) | max.0.001%(mass/mass) |
| Calcium (Ca) | max.0.01%(mass/mass) |
| Zinc (Zn) | max.0.003%(mass/mass) |
| Lead (Pb) | max.0.001%(mass/mass) |
| Manganese (Mn) | max.0.005%(mass/mass) |
| Iron(II) (Fe ²⁺) | max.0.001%(mass/mass) |

JIS K 8982:2008

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