

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