

## SPECIFICATION

## Ammonium Iron(III) Sulfate 12-Water

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Pale purple crystals
Assay [FeNH <sub>4</sub> (SO <sub>4</sub> ) <sub>2</sub> ·12H <sub>2</sub> 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 <sub>4</sub> )	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 <sup>2+</sup> )	max.0.001%(mass/mass)

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