

SPECIFICATION

Magnesium Sulfate Heptahydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White crystals
Assay(MgSO ₄ ·7H ₂ O)	min.99.5%(mass/mass)
Solubility in water	to pass test
pH of a 50g/L solution at 25°C	5.0~8.0
Chloride (Cl)	max.3ppm(mass/mass)
Nitrate (NO ₃)	max.0.002%(mass/mass)
Phosphate (PO ₄)	max.5ppm(mass/mass)
Sodium (Na)	max.0.001%(mass/mass)
Potassium (K)	max.0.001%(mass/mass)
Calcium (Ca)	max.0.02%(mass/mass)
Zinc (Zn)	max.0.001%(mass/mass)
Manganese (Mn)	max.5ppm(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.3ppm(mass/mass)
Ammonium (NH ₄)	max.0.002%(mass/mass)

JIS K 8995:2021 (*:Additional test performed by Wako but not required by JIS)