

## SPECIFICATION

## Magnesium Nitrate Hexahydrate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White crystals
Assay [Mg(NO <sub>3</sub> ) <sub>2</sub> ·6H <sub>2</sub> O]	min.99.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/L solution at 25°C	5.0~7.0
Chloride (Cl)	max.0.001%(mass/mass)
Phosphate (PO <sub>4</sub> )	max.5ppm(mass/mass)
Sulfate (SO <sub>4</sub> )	max.0.003%(mass/mass)
Sodium (Na)	max.0.002%(mass/mass)
Potassium (K)	max.0.002%(mass/mass)
Calcium (Ca)	max.0.01%(mass/mass)
Strontium (Sr)	max.0.002%(mass/mass)
Barium (Ba)	max.0.002%(mass/mass)
Zinc (Zn)	max.0.002%(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Manganese (Mn)	max.0.001%(mass/mass)
Iron (Fe)	max.3ppm(mass/mass)
Ammonium (NH <sub>4</sub> )	max.0.001%(mass/mass)

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