

SPECIFICATION

Manganese(II) Nitrate Hexahydrate

Guaranteed Reagent

| REQUIREMENT | SPECIFICATION |
|---|-----------------------|
| * Appearance | to pass test |
| Assay[Mn(NO ₃) ₂ ·6H ₂ O] | min.98.0%(mass/mass) |
| Solubility in water | to pass test |
| pH of a 50g/l solution at 25°C | 3.0~4.5 |
| Chloride (Cl) | max.0.001%(mass/mass) |
| Sulfate (SO ₄) | max.0.002%(mass/mass) |
| Sodium (Na) | max.0.005%(mass/mass) |
| Potassium (K) | max.0.002%(mass/mass) |
| Copper (Cu) | max.5ppm(mass/mass) |
| Magnesium (Mg) | max.0.005%(mass/mass) |
| Calcium (Ca) | max.0.005%(mass/mass) |
| Zinc (Zn) | max.0.001%(mass/mass) |
| Lead (Pb) | max.0.001%(mass/mass) |
| Iron (Fe) | max.5ppm(mass/mass) |
| Nickel (Ni) | max.0.002%(mass/mass) |

JIS K 8568:2011(*:Additional test performed by Wako but not required by JIS)