

SPECIFICATION

Ammonium Oxalate Monohydrate

Guaranteed Reagent

| REQUIREMENT | SPECIFICATION |
|---|-----------------------|
| * Appearance | White crystals |
| Assay [(NH ₄) ₂ C ₂ O ₄ ·H ₂ O] | min.99.5%(mass/mass) |
| Solubility in water | to pass test |
| Residue after ignition (as sulfate) | max.0.01%(mass/mass) |
| pH of a 50g/L solution at 25°C | 6.0~7.0 |
| Chloride (Cl) | max.5ppm(mass/mass) |
| Nitrate | to pass test |
| Phosphate (PO ₄) | max.5ppm(mass/mass) |
| Sulfate (SO ₄) | max.0.003%(mass/mass) |
| Sodium (Na) | max.0.001%(mass/mass) |
| Potassium (K) | max.0.001%(mass/mass) |
| Copper (Cu) | max.1ppm(mass/mass) |
| Magnesium (Mg) | max.2ppm(mass/mass) |
| Calcium (Ca) | max.2ppm(mass/mass) |
| Lead (Pb) | max.2ppm(mass/mass) |
| Arsenic (As) | max.1ppm(mass/mass) |
| Iron (Fe) | max.2ppm(mass/mass) |
| Substances darkened by sulfuric acid | to pass test |

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