

Code No.01-0325

## SPECIFICATION

## Ammonium Oxalate Monohydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White crystals
Assay [(NH <sub>4</sub> ) <sub>2</sub> C <sub>2</sub> O <sub>4</sub> ·H <sub>2</sub> 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 <sub>4</sub> )	max.5ppm(mass/mass)
Sulfate (SO <sub>4</sub> )	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

JIS K 8521:2016

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