

SPECIFICATION

Potassium Oxalate Monohydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay[(COOK) ₂ ·H ₂ O]	min.99.0%(mass/mass)
Solubility in water	to pass test
Acidic salt (KHC ₂ O ₄)	max.0.05%(mass/mass)
Alkalinity (as K ₂ CO ₃)	max.0.05%(mass/mass)
Chloride (Cl)	max.0.001%(mass/mass)
Nitrate	to pass test
Phosphate (PO ₄)	max.5ppm(mass/mass)
Sulfate (SO ₄)	max.0.005%(mass/mass)
Sodium (Na)	max.0.02%(mass/mass)
Copper (Cu)	max.2ppm(mass/mass)
Magnesium (Mg)	max.0.001%(mass/mass)
Calcium (Ca)	max.0.001%(mass/mass)
Lead (Pb)	max.3ppm(mass/mass)
Iron (Fe)	max.0.001%(mass/mass)
Ammonium (NH ₄)	max.0.001%(mass/mass)
Substances darkened by sulfuric acid	to pass test

JIS K 8522:2020(*:Additional test performed by Wako but not required by JIS)