

SPECIFICATION

Potassium Trihydrogen Dioxalate Dihydrate
for pH Standard Solution

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay [KH ₃ (C ₂ O ₄) ₂ ·2H ₂ O] (after drying)	min.99.8%(mass/mass)
Solubility in water	to pass test
Loss on drying	max.0.1%(mass/mass)
Chloride (Cl)	max.0.001%(mass/mass)
Nitrate	to pass test
Phosphate (PO ₄)	max.5ppm(mass/mass)
Sulfate (SO ₄)	max.0.002%(mass/mass)
Sodium (Na)	max.0.005%(mass/mass)
Copper (Cu)	max.2ppm(mass/mass)
Magnesium (Mg)	max.5ppm(mass/mass)
Calcium (Ca)	max.2ppm(mass/mass)
Lead (Pb)	max.3ppm(mass/mass)
Iron (Fe)	max.0.001%(mass/mass)
Ammonium (NH ₄)	max.0.002%(mass/mass)
Substances darkened by sulfuric acid	to pass test

JIS K 8474:2016(*:Additional test performed by Wako but not required by JIS)