

SPECIFICATION

Calcium Chloride Dihydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder or mass
Assay (CaCl ₂ ·2H ₂ O)	99.0~103.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/L solution at 25°C	4.5~8.5
Sulfate (SO ₄)	max.0.005%(mass/mass)
Nitrate (NO ₃)	max.0.003%(mass/mass)
Phosphate (PO ₄)	max.0.001%(mass/mass)
Sodium (Na)	max.0.01%(mass/mass)
Potassium (K)	max.0.01%(mass/mass)
Copper (Cu)	max.2ppm(mass/mass)
Magnesium (Mg)	max.0.01%(mass/mass)
Strontium (Sr)	max.0.01%(mass/mass)
Barium (Ba)	max.0.006%(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.2ppm(mass/mass)
Ammonium (NH ₄)	max.0.001%(mass/mass)

JIS K 8122:2021(*:Additional test performed by Wako but not required by JIS)