

## SPECIFICATION

## Calcium Chloride Dihydrate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder or mass
Assay (CaCl <sub>2</sub> ·2H <sub>2</sub> 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 <sub>4</sub> )	max.0.005%(mass/mass)
Nitrate (NO <sub>3</sub> )	max.0.003%(mass/mass)
Phosphate (PO <sub>4</sub> )	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 <sub>4</sub> )	max.0.001%(mass/mass)

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