

SPECIFICATION

Calcium Nitrate Tetrahydrate

Guaranteed Reagent

| REQUIREMENT | SPECIFICATION |
|---|-----------------------|
| * Appearance | White crystals |
| Assay[Ca(NO ₃) ₂ ·4H ₂ O] | min.98.5%(mass/mass) |
| Solubility in water | to pass test |
| Solubility in ethanol | to pass test |
| pH of a 50g/L solution at 25°C | 4.0~6.0 |
| Chloride (Cl) | max.5ppm(mass/mass) |
| Sulfate (SO ₄) | max.0.001%(mass/mass) |
| Sodium (Na) | max.0.01%(mass/mass) |
| Potassium (K) | max.0.005%(mass/mass) |
| Copper (Cu) | max.5ppm(mass/mass) |
| Magnesium (Mg) | max.0.01%(mass/mass) |
| Barium (Ba) | max.0.005%(mass/mass) |
| Lead (Pb) | max.5ppm(mass/mass) |
| Arsenic (As) | max.1ppm(mass/mass) |
| Iron (Fe) | max.1ppm(mass/mass) |
| Ammonium (NH ₄) | max.0.002%(mass/mass) |

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