

Code No.03-0091

SPECIFICATION

Calcium Sulfate Dihydrate

Guaranteed Reagent

| REQUIREMENT | SPECIFICATION |
|--|------------------------------------|
| * Appearance | White, crystalline powder ~ powder |
| Assay($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$) | min.98.0%(mass/mass) |
| Solubility in dil.hydrochloric acid | to pass test |
| Acidity (as H_2SO_4) | max.0.001%(mass/mass) |
| Alkalinity [as $\text{Ca}(\text{OH})_2$] | max.0.001%(mass/mass) |
| Carbonate | to pass test |
| Chloride (Cl) | max.0.003%(mass/mass) |
| Nitrate | to pass test |
| Heavy metals (as Pb) | max.0.001%(mass/mass) |
| Sodium (Na) | max.0.2%(mass/mass) |
| Potassium (K) | max.0.01%(mass/mass) |
| Magnesium (Mg) | max.0.01%(mass/mass) |
| Arsenic (As) | max.1ppm(mass/mass) |
| Iron (Fe) | max.0.001%(mass/mass) |

JIS K 8963:2015

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