

SPECIFICATION

Perchloric Acid
Guaranteed Reagent

| REQUIREMENT | SPECIFICATION |
|---|------------------------|
| * Appearance | Colorless clear liquid |
| Assay (HClO ₄) | 60.0~62.0%(mass/mass) |
| Residue after ignition (as sulfate) | max.0.003%(mass/mass) |
| Chloride (Cl) | max.3ppm(mass/mass) |
| Chlorate (ClO ₃) | max.0.001%(mass/mass) |
| Free chlorine (Cl) | max.5ppm(mass/mass) |
| Phosphate and silicate (as SiO ₂) | max.0.005%(mass/mass) |
| Sulfate (SO ₄) | max.0.001%(mass/mass) |
| Nitrogen compounds (as N) | max.0.002%(mass/mass) |
| Copper (Cu) | max.0.1 ppm(mass/mass) |
| Silver (Ag) | max.1 ppm(mass/mass) |
| Lead (Pb) | max.0.1 ppm(mass/mass) |
| Arsenic (As) | max.0.05ppm(mass/mass) |
| Manganese (Mn) | max.0.3ppm(mass/mass) |
| Iron (Fe) | max.1 ppm(mass/mass) |

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(*:Additional test performed by Wako but not required by JIS)
The assay of this product is approximately 60% (mass/mass).