

SPECIFICATION

Hydrochloric Acid

for Medicine Test

| REQUIREMENT | SPECIFICATION |
|-------------------------------------|------------------------|
| * Description | Colorless clear liquid |
| Assay (HCl) | 35.0~37.0%(mass/mass) |
| Appearance | to pass test |
| Residue after evaporation | max.0.001%(mass/mass) |
| Residue after ignition (as sulfate) | max.5ppm(mass/mass) |
| Sulfate (SO ₄) | max.1ppm(mass/mass) |
| Free chlorine | to pass test |
| Substances reducing iodine | to pass test |
| Copper (Cu) | max.0.1ppm(mass/mass) |
| Lead (Pb) | max.0.2ppm(mass/mass) |
| Arsenic (As) | max.0.01ppm(mass/mass) |
| Iron (Fe) | max.0.2ppm(mass/mass) |
| Ammonium (NH ₄) | max.3ppm(mass/mass) |
| Appearance of solution (Ph.Eur.) | to pass test |
| Free chlorine (Ph.Eur.) | maximum 4ppm |
| Sulfates (Ph.Eur.) | maximum 20ppm |
| Residue on evaporation (Ph.Eur.) | maximum 0.01% |
| Assay (Ph.Eur.) | 35.0~39.0% |

JIS K 8180:2021(*:Additional test performed by Wako but not required by JIS)(Ph.Eur.)