

SPECIFICATION

Hydrochloric Acid

Guaranteed Reagent

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)

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