

Code No.08-1047

## SPECIFICATION

## Hydrochloric Acid

Japanese Pharmacopoeia

REQUIREMENT	SPECIFICATION
* Description (JP)	Colorless liquid
Identification (JP)	to pass test
Purity (JP)	-
(1) Sulfate (JP)	to pass test
(2) Sulfite (JP)	to pass test
(3) Bromide or iodide (JP)	to pass test
(4) Bromine or chlorine (JP)	to pass test
(5) Heavy metals (JP)	not more than 5ppm
(6) Arsenic (JP)	not more than 1ppm
(7) Mercury (JP)	not more than 0.04ppm
Residue on ignition (JP)	to pass test
Assay (HCl) (JP)	35.0~38.0%
* Bacterial endotoxins	less than 10EU/g
* Appearance (Ph.Eur.)	Clear, colourless, fuming liquid
Identification (Ph.Eur.)	to pass test
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 (HCl) (Ph.Eur.)	35.0~39.0%(m/m)

Japanese Pharmacopoeia(Hydrochloric Acid)(\*:Additional test performed by Wako)European Pharmacopoeia(Hydrochloric Acid, concentrated)(\*:Additional test performed by Wako)