

SPECIFICATION

Hydriodic Acid

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Colorless ~ brown, clear liquid
Assay (HI)	55.0~58.0%(mass/mass)
Residue after evaporation	max.0.005%(mass/mass)
Residue after ignition (as sulfate)	max.0.003%(mass/mass)
Chlorine compounds and bromine compounds (as Cl)	max.0.01%(mass/mass)
Phosphate (PO ₄)	max.0.001%(mass/mass)
Sulfate (SO ₄)	max.0.002%(mass/mass)
Sulfide	to pass test
Free iodine (I)	max.0.5%(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.3ppm(mass/mass)

JIS K 8917 : 2019(*:Additional test performed by Wako but not required by JIS)