

SPECIFICATION

Hydrobromic Acid

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Colorless ~ pale brown, clear liquid
Assay (HBr)	47.0~49.0%(mass/mass)
Residue after ignition (as sulfate)	max.0.005%(mass/mass)
Chloride (Cl)	max.0.03%(mass/mass)
Iodide	to pass test
Phosphate (PO ₄)	max.2ppm(mass/mass)
Sulfate and sulfite (as SO ₄)	max.0.003%(mass/mass)
Free bromine	to pass test
Heavy metals (as Pb)	max.3ppm(mass/mass)
Arsenic (As)	max.0.5ppm(mass/mass)
Iron (Fe)	max.2ppm(mass/mass)

JIS K 8509:2007

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