SPECIFICATION

Hydrobromic Acid

Guaranteed Reagent

	REQUIREMENT	SPECIFICATION
*	Appearance	Colorless \sim 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)
	lodide	to pass test
	Phosphate (PO4)	max.2ppm(mass/mass)
	Sulfate and sulfite (as SO4)	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)