

SPECIFICATION

Hydrofluoric Acid

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Colorless clear liquid
Assay (HF)	46.0~48.0%(mass/mass)
Residue after ignition (as sulfate)	max.5ppm(mass/mass)
Chloride (Cl)	max.5ppm(mass/mass)
Phosphate (PO ₄)	max.0.5ppm(mass/mass)
Sulfate and sulfite (as SO ₄)	max.3ppm(mass/mass)
Copper (Cu)	max.0.5ppm(mass/mass)
Lead (Pb)	max.0.5ppm(mass/mass)
Arsenic (As)	max.0.05ppm(mass/mass)
Iron (Fe)	max.0.5ppm(mass/mass)
Hexafluorosilicic acid (H ₂ SiF ₆)	max.0.05%(mass/mass)

JIS K 8819:2017(*:Additional test performed by Wako but not required by JIS)