

## SPECIFICATION

## Potassium Fluoride

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystalline powder ~ powder
Assay (KF) (after ignition)	min.99.0%(mass/mass)
Solubility in water	to pass test
Loss on ignition	max.1.0%(mass/mass)
Acidity (as HF)	max.0.2%(mass/mass)
Alkalinity (as K <sub>2</sub> CO <sub>3</sub> )	max.0.25%(mass/mass)
Chloride (Cl)	max.0.01%(mass/mass)
Sulfate (SO <sub>4</sub> )	max.0.01%(mass/mass)
Sulfite	to pass test
Sodium (Na)	max.0.4%(mass/mass)
Lead (Pb)	max.0.002%(mass/mass)
Iron (Fe)	max.0.001%(mass/mass)
Hexafluorosilicate (SiF <sub>6</sub> )	max.0.1%(mass/mass)

JIS K 8815:2012

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