

SPECIFICATION

Silicon Dioxide

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White crystalline powder
Hydrochloric acid-soluble matter	max.0.5%(mass/mass)
Residue after evaporation with hydrofluoric acid (as sulfate)	max.0.5%(mass/mass)
Loss on ignition at 950°C±50°C	max.6.0%(mass/mass)
Chloride (Cl)	max.0.005%(mass/mass)
Sulfate (SO ₄)	max.0.005%(mass/mass)
Sodium (Na)	max.0.05%(mass/mass)
Calcium (Ca)	max.0.005%(mass/mass)
Lead (Pb)	max.0.005%(mass/mass)
Iron (Fe)	max.0.005%(mass/mass)

JIS K 8885:2018*:Additional test performed by Wako but not required by JIS