

SPECIFICATION

Barium Hydroxide Octahydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay [Ba(OH) \cdot 8H $_2$ O]	min.98.0%(mass/mass)
Barium carbonate (BaCO $_3$)	max.1.0%(mass/mass)
Solubility in dil.hydrochloric acid	to pass test
Chloride (Cl)	max.0.001%(mass/mass)
Sulfide (S)	max.5ppm(mass/mass)
Sodium (Na)	max.0.01%(mass/mass)
Potassium (K)	max.0.002%(mass/mass)
Calcium (Ca)	max.0.01%(mass/mass)
Strontium (Sr)	max.0.3%(mass/mass)
Lead (Pb)	max.2ppm(mass/mass)
Iron (Fe)	max.1ppm(mass/mass)

JIS K 8577:2007*:Additional test performed by Wako but not required by JIS