

SPECIFICATION

Sodium Bromide

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White crystalline powder
Assay(NaBr) (after drying)	min.99.5%(mass/mass)
Solubility in water	to pass test
Loss on drying at 105°C	max.1.0%(mass/mass)
pH of a 50g/l solution at 25°C	5.0~8.0
Bromate	to pass test
Chloride (Cl)	max.0.2%(mass/mass)
Iodide	to pass test
Sulfate (SO ₄)	max.0.005%(mass/mass)
Heavy metals (as Pb)	max.5ppm(mass/mass)
Potassium (K)	max.0.05%(mass/mass)
Magnesium (Mg)	max.0.001%(mass/mass)
Calcium (Ca)	max.0.001%(mass/mass)
Barium (Ba)	max.0.002%(mass/mass)
Iron (Fe)	max.3ppm(mass/mass)
Nitrogen compounds (as N)	max.0.001%(mass/mass)
Substances reducing permanganate (as O)	max.2ppm(mass/mass)

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