

Code No.19-0150

## 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 <sub>4</sub> )              | 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)      |

JIS K 8514:2011

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