

# SPECIFICATION

JUNSEI CHEMICAL CO.,LTD.  
QUALITY ASSURANCE SECTION  
1-6, Ohmano-cho, Koshigaya-shi,  
Saitama, 343-0844, Japan  
TEL: +81-48-986-6161  
FAX: +81-48-989-2787

Product Code           36285-0301  
Commodity             Sodium bromide  
Grade                  Guaranteed Reagent  
Q'ty                    500g

| [Test Item]                                  | [Standard]        | CASNo.7647-15-6 |
|----------------------------------------------|-------------------|-----------------|
| ASSAY (NaBr)(Dried)                          | min. 99.5 %(m/m)  |                 |
| Solubility in water                          | To pass test      |                 |
| Drying loss (105°C)                          | max. 1.0 %(m/m)   |                 |
| pH (50g/L, 25°C)                             | 5.0~8.0           |                 |
| Bromate                                      | To pass test      |                 |
| Chloride (Cl)                                | max. 0.2 %(m/m)   |                 |
| Iodide                                       | To pass test      |                 |
| Sulfate (SO <sub>4</sub> )                   | max. 0.005 %(m/m) |                 |
| Heavy metals (as Pb)                         | max. 5 ppm(m/m)   |                 |
| Potassium (K)                                | max. 0.05 %(m/m)  |                 |
| Magnesium (Mg)                               | max. 0.001 %(m/m) |                 |
| Calcium (Ca)                                 | max. 0.001 %(m/m) |                 |
| Barium (Ba)                                  | max. 0.002 %(m/m) |                 |
| Iron (Fe)                                    | max. 3 ppm(m/m)   |                 |
| Nitrogen compounds (as N)                    | max. 0.001 %(m/m) |                 |
| Substances reducing KMnO <sub>4</sub> (as O) | max. 2 ppm(m/m)   |                 |