

SPECIFICATION

Disodium Tetraborate Decahydrate
for pH Standard Solution

| REQUIREMENT | SPECIFICATION |
|---|--------------------------------------|
| * Appearance | White, crystals ~ crystalline powder |
| Assay (Na ₂ B ₄ O ₇ ·10H ₂ O) | 99.6~100.5%(mass/mass) |
| Solubility in water | to pass test |
| pH of a 0.01mol/L solution at 25°C | 9.1~9.4 |
| Chloride (Cl) | max.3ppm(mass/mass) |
| Nitrate | to pass test |
| Phosphate (PO ₄) | max.0.001%(mass/mass) |
| Sulfate (SO ₄) | max.0.003%(mass/mass) |
| Copper (Cu) | max.5ppm(mass/mass) |
| Calcium (Ca) | max.0.001%(mass/mass) |
| Lead (Pb) | max.5ppm(mass/mass) |
| Arsenic (As) | max.2ppm(mass/mass) |
| Iron (Fe) | max.3ppm(mass/mass) |

JIS K 8866:2024(*:Additional test performed by Wako but not required by JIS)