

## SPECIFICATION

## Sodium Tetraborate Decahydrate

for pH Standard Solution

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay ( $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ )	99.6~100.5%(mass/mass)
Solubility in water	to pass test
Chloride (Cl)	max.3ppm(mass/mass)
Nitrate	to pass test
Phosphate ( $\text{PO}_4$ )	max.0.001%(mass/mass)
Sulfate ( $\text{SO}_4$ )	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 8866:2008(\*:Additional test performed by Wako but not required by JIS)