

## SPECIFICATION

## Potassium Thiocyanate

## Guaranteed Reagent

| REQUIREMENT                        | SPECIFICATION         |
|------------------------------------|-----------------------|
| * Appearance                       | White crystals        |
| Assay (KSCN)                       | min.98.0%(mass/mass)  |
| Solubility in water                | to pass test          |
| Solubility in ethanol              | to pass test          |
| pH of a 50g/l solution at 25°C     | 5.3~8.5               |
| Chloride (Cl)                      | max.0.004%(mass/mass) |
| Sulfate (SO <sub>4</sub> )         | max.0.003%(mass/mass) |
| Sulfide (S)                        | max.0.001%(mass/mass) |
| Sodium (Na)                        | max.0.015%(mass/mass) |
| Copper (Cu)                        | max.3ppm(mass/mass)   |
| Lead (Pb)                          | max.5ppm(mass/mass)   |
| Iron (Fe)                          | max.1ppm(mass/mass)   |
| Ammonium (NH <sub>4</sub> )        | max.0.002%(mass/mass) |
| Iodine-consuming substances (as I) | max.0.025%(mass/mass) |

JIS K 9001:2008

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