

## SPECIFICATION

Sodium Acetate  
for Medicine Test

| REQUIREMENT                            | SPECIFICATION                        |
|--|--------------------------------------|
| * Appearance                           | White, crystals ~ crystalline powder |
| Assay (CH <sub>3</sub> COONa)          | min.98.5%(mass/mass)                 |
| Solubility in water                    | to pass test                         |
| pH of a 50g/l solution at 25°C         | 7.5~9.0                              |
| Chloride (Cl)                          | max.0.005%(mass/mass)                |
| Phosphate (PO <sub>4</sub> )           | max.0.001%(mass/mass)                |
| Sulfate (SO <sub>4</sub> )             | max.0.003%(mass/mass)                |
| Potassium (K)                          | max.0.02%(mass/mass)                 |
| Copper (Cu)                            | max.5ppm(mass/mass)                  |
| Calcium (Ca)                           | max.0.005%(mass/mass)                |
| Lead (Pb)                              | max.0.001%(mass/mass)                |
| Iron (Fe)                              | max.0.001%(mass/mass)                |
| Substances reducing permanganate       | max.0.002%(mass/mass)                |
| Assay (USP-NF)                         | min.99.0%                            |
| pH of a 5% solution at 25.0°C (USP-NF) | 7.0~9.2                              |
| Insoluble matter (USP-NF)              | max.0.01%                            |
| Loss on drying (USP-NF)                | max.1.0%                             |
| Chloride (Cl) (USP-NF)                 | max.0.002%                           |
| Phosphate (PO <sub>4</sub> ) (USP-NF)  | max.0.001%                           |
| Sulfate (SO <sub>4</sub> ) (USP-NF)    | max.0.003%                           |
| Calcium (Ca) (USP-NF)                  | max.0.005%                           |
| Magnesium (Mg) (USP-NF)                | max.0.002%                           |
| Heavy metals (as Pb) (USP-NF)          | max.0.001%                           |
| Iron (Fe) (USP-NF)                     | max.0.001%                           |
| Loss on drying (Ph.Eur.)               | max.2.0%                             |

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