

SPECIFICATION

Sodium Acetate
for Medicine Test

| REQUIREMENT | SPECIFICATION |
|--|--------------------------------------|
| * Appearance | White, crystals ~ crystalline powder |
| Assay (CH ₃ 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 ₄) | max.0.001%(mass/mass) |
| Sulfate (SO ₄) | 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 ₄) (USP-NF) | max.0.001% |
| Sulfate (SO ₄) (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