

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