

Sodium Acetate Trihydrate USP Specification

Sr.No	Test	Specification
1	Description	White or almost white, crystalline powder or colourless crystals.
2	Solubility	Freely soluble in water, practically insoluble in ethanol (96 per cent)
3	Identification by Sodium	It gives reaction of Sodium.
4	Identification by Acetate	It gives reaction of Acetate.
5	Chloride	Not more than 350 ppm
6	Sulphate	Not more than 50 ppm
7	Calcium and Magnesium	Passes test
8	Potassium	Passes test
9	Aluminium*	Not more than 0.2 ppm ("*" Aluminium test applicable only when Sodium Acetate is intended for use in the preparation of dialysis solutions)
10	pH	7.5 to 9.2
11	Insoluble matter	Not more than 0.05%
12	Loss on drying	38.0% to 41.0%.
13	Assay (On dried basis)	Not less than 99.00% and not more than 101.00%