

Sodium Acetate Trihydrate IP Specification

Sr.No	Test	Specification
1	Description	Colourless crystals or a white, crystalline powder.
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	Appearance of solution	Solution is clear and colourless
6	pH	7.5 to 9.0
7	Arsenic	Not more than 2 ppm
8	Calcium and Magnesium	Not more than 50 ppm, calculated as Ca
9	Heavy Metals	Not more than 10 ppm
10	Iron	Not more than 20 ppm
11	Chlorides	Not more than 250 ppm
12	Sulphates	Not more than 200 ppm
13	Aluminium*	Not more than 0.2 ppm ("*" Aluminium test applicable only when Sodium Acetate is intended for use in the preparation of dialysis solutions)
14	Reducing Substances	Passes the test
15	Loss on Drying	39.0% to 40.5%
16	Assay (On dried basis)	Not less than 99.00% to not more than 101.0%