

Sodium citrate dihydrate IP Specification

Sr.No	Test	Specification
1	Description	White, granular crystals or a white, crystalline powder; odourless; slightly deliquescent in moist air.
2	Solubility	Freely soluble in water, Practically Insoluble in ethanol.
3	Identification by Sodium	It give reaction of Sodium
4	Identification by Citrate	It give reaction of Citrate
5	Appearance of solution	Solution is clear and colourless
6	Acidity or Alkalinity	Passes test
7	Arsenic	Not more than 2 ppm
8	Heavy metals	Not more than 10 ppm
9	Chloride	Not more than 100 ppm
10	Oxalate	Not more than 300 ppm
11	Sulphate	Not more than 150 ppm
12	Tartrate	Passes the test
13	Readily carbonisable substance	Passes the test
14	Water content	11.0 % to 13.0%
15	Assay (On anhydrous basis)	Not less than 99.00% and Not more than 101.00%