

Disodium Phosphate Dodecahydrate IP Specification

Sr.No	Test	Specification
1	Description	Colourless, transparent crystals; very efflorescent.
2	Solubility	Freely soluble in water, insoluble in Alcohol
3	Identification by Sodium	It gives reaction of Sodium.
4	Identification by phosphate	It gives reaction of phosphate.
5	Appearance of Solution	Solution is clear and colourless.
6	Arsenic	Not more than 2 ppm
7	Heavy Metals	Not more than 10 ppm
8	Iron	Not more than 20 ppm
9	Chlorides	Not more than 250 ppm
10	Sulphates	Not more than 600 ppm
11	Reducing Substances	Passes the test
12	Sodium Dihydrogen Phosphate	Passes the test
13	Water	57.00% to 61.00%
14	Assay (On anhydrous basis)	Not less than 98.00% and not more than 101.00%