

Disodium Phosphate Dihydrate BP Specification

Sr.No	Test	Specification
1	Description	White or almost white powder or colourless crystals.
2	Solubility	Soluble in water; practically insoluble in ethanol (96 per cent).
3	Identification by Alkalinity	Solution is slightly alkaline.
4	Identification by Loss on Drying	Complies with the test for Loss on Drying.
5	Identification by Sodium	It gives reaction of Sodium.
6	Identification by Phosphate	It gives reaction of phosphate.
7	Appearance of Solution	Solution is clear and colourless.
8	Reducing Substances	The colour of the permanganate is not completely discharged.
9	Monosodium Phosphate	Not more than 2.5%
10	Chlorides	Not more than 400 ppm
11	Sulfates	Not more than 0.1%
12	Iron	Not more than 40 ppm
13	Loss on Drying	19.50% to 21.00%
14	Assay (On dried substance)	Not less than 98.00% and not more than 101.00%