

Monosodium Phosphate Dihydrate IP Specification

Sr.No	Test	Specification
1	Description	A white powder or colourless crystals.
2	Solubility	Freely soluble in water; practically insoluble in Alcohol.
3	Identification by Sodium	It gives reaction of Sodium.
4	Identification by phosphate	It gives reaction of phosphate.
5	pH	4.1 to 4.5
6	Insoluble Substances	Not more than 0.2%
7	Chlorides	Not more than 140 ppm
8	Sulphates	Not more than 0.15%
9	Aluminium, Calcium and Related Elements	Passes the test
10	Arsenic	Not more than 8 ppm
11	Heavy Metals	Not more than 20 ppm
12	Water	18.00% to 26.50%
13	Assay (On anhydrous basis)	Not less than 98.00% and not more than 103.00%