

Monosodium Phosphate Anhydrous USP 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	Insoluble Substances	Not more than 0.2%
6	Chloride	Not more than 0.14%
7	Sulfate	Not more than 0.15%
8	Aluminium, Calcium and Related Elements	Passes the test
9	Arsenic	Not more than 8 ppm
10	pH	4.1 to 4.5
11	Water	Less than 2.0%
12	Assay (On anhydrous basis)	Not less than 98.00% to not more than 103.00%