

Monopotassium Phosphate USP Specification

Sr.No	Test	Specification
1	Description	White or almost white, crystalline powder or colourless crystals.
2	Solubility	Freely soluble in water, practically insoluble in ethanol (96 per cent).
3	Identification by Potassium	It gives reaction of Potassium.
4	Identification by Phosphate	It gives reaction of Phosphate.
5	Insoluble Substances	Not more than 0.2%
6	Arsenic	Not more than 3 ppm
7	Lead	Not more than 5 ppm
8	Fluoride	Not more than 10 ppm
9	Loss on Drying	Not more than 1.0%
10	Assay (on dried basis)	Not less than 98.0% and not more than 100.5%