

Potassium Nitrate USP Specification

Sr.No	Test	Specification
1	Description	White or almost white, crystalline powder or colourless crystals.
2	Solubility	Freely soluble in water, very soluble in boiling water, practically insoluble in ethanol (96 per cent).
3	Identification by Nitrates	It give reaction of Nitrates
4	Identification by Potassium	It give reaction of Potassium
5	Chloride	Not more than 0.03%
6	Sulfate	Not more than 0.01%
7	Arsenic	Not more than 3 ppm
8	Lead	Not more than 10 ppm
9	Iron	Not more than 10 ppm
10	Sodium	Not more than 0.1%
11	Nitrite	Not more than 5 ppm
12	Assay	Not less than 99.00% and not more than 100.50%