

Potassium Chloride IP Specification

Sr.No	Test	Specification
1	Description	Colourless crystals or a white, crystalline powder, odourless.
2	Solubility	Freely soluble in water, Practically insoluble in ethanol and in ether.
3	Identification by Potassium	It gives reaction of Potassium.
4	Identification by Chloride	It gives reaction of Chloride.
5	Appearance of solution	Solution is clear and colourless
6	Acidity or Alkalinity	Passes Test
7	Arsenic	Not more than 1 ppm
8	Barium	Passes test
9	Heavy metals	Not more than 10 ppm
10	Calcium & Magnesium	Passes test
11	Iron	Not more than 20 ppm
12	Bromides	Not more than 0.1%
13	Iodides	Passes test
14	Sulphates	Not more than 300 ppm
15	Aluminum	Not more than 1 ppm
16	Sodium	Not more than 0.1%
17	Loss on drying	Not more than 1.0 %
18	Assay (On dried basis)	Not less than 99.00% and Not more than 100.50 %