

Potassium Chloride 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 anhydrous ethanol.
3	Identification by Potassium	It gives reaction of Potassium.
4	Identification by Chloride	It gives reaction of Chloride.
5	Aluminum	Not more than 1 ppm
6	Sodium	Passes Test
7	Iodide	Not more than 0.005%
8	Bromide	Not more than 0.1%
9	Calcium and Magnesium	Passes Test
10	Acidity or Alkalinity	Passes Test
11	Loss on drying	Not more than 1.0 %
12	Assay (on dried basis)	Not less than 99.00% and not more than 100.50 %