

Potassium Citrate IP Specification

Sr.No	Test	Specification
1	Description	White, granular crystals or a crystalline powder; odourless; hygroscopic.
2	Solubility	Freely soluble in water, Practically insoluble in ethanol.
3	Identification by Potassium	It gives reaction of Potassium.
4	Identification by Citrate	It gives reaction of Citrate.
5	Appearance of Solution	Solution is clear and colourless.
6	Acidity or Alkalinity	Passes the test
7	Arsenic	Not more than 2 ppm
8	Heavy Metals	Not more than 10 ppm
9	Sodium	Not more than 0.3%
10	Chlorides	Not more than 100 ppm
11	Oxalate	Not more than 300 ppm
12	Sulphates	Not more than 150 ppm
13	Readily Carbonisable Substances	The solution is not more intensely coloured than reference solution
14	Water	4.0% to 7.0%
15	Assay (On anhydrous basis)	Not less than 99.00% and not more than 101.00%