

Calcium Acetate Monohydrate USP specification

Sr.No	Test	Specification
1	Description	Colourless to white crystalline powder.
2	Solubility	Freely soluble in water; slightly soluble in ethanol.
3	Identification by Acetate	It gives reaction of Acetate.
4	Identification by Calcium	It gives reaction of Calcium.
5	pH	6.3 to 9.6
6	Arsenic	Not more than 3 ppm
7	Chloride	Not more than 0.05%
8	Sulphate	Not more than 0.06%
9	Lead	Not more than 10 ppm
10	Aluminium	Not more than 2 ppm
11	Barium	Passes the test
12	Fluoride	Not more than 50 ppm
13	Magnesium	Not more than 0.05%
14	Nitrate	Passes the test
15	Potassium	Not more than 0.05%
16	Sodium	Not more than 0.5%
17	Strontium	Not more than 0.05%
18	Oxidizable substances	Passes the test
19	Water content	Not more than 7.0%
20	Assay (Anhydrous basis)	Not less than 99.00% and not more than 100.50%