

Tartaric Acid IP Specification

Sr.No	Test	Specification
1	Description	White or almost white, crystalline powder or colourless crystals.
2	Solubility	Very soluble in water, freely soluble in ethanol (96 per cent).
3	Identification by Strong acid	It gives reaction of strongly acid
4	Identification by Tartrates	It gives reaction of Tartrates
5	Appearance of solution	Solution is clear and not more intensely coloured than reference solution.
6	Optical rotation	+12.0° to +12.8°
7	Oxalic acid	Not more than 360 ppm
8	Chlorides	Not more than 100 ppm
9	Sulphates	Not more than 150 ppm
10	Calcium	Not more than 200 ppm
11	Sulphated ash	Not more than 0.1%
12	Loss on drying	Not more than 0.2%
13	Assay (On dried basis)	Not less than 99.50 % and not more than 101.00%