

Zinc Citrate USP Specification

Sr.No	Test	Specification
1	Description	White to off-white powder.
2	Solubility	Slightly soluble in water
3	Identification by Zinc.	It gives reaction of Zinc.
4	Identification by Citrate.	It gives reaction of Citrate.
5	Chloride	Not more than 0.05%
6	Sulphate	Not more than 0.05%
7	Arsenic	Not more than 3 ppm
8	Cadmium	Not more than 5 ppm
9	Lead	Not more than 10 ppm
10	Loss on Drying	Not more than 1.0%
11	Total Aerobic Microbial Count	Not more than 10^3 cfu/g
12	Total Combined Yeasts and Molds	Not more than 10^2 cfu/g
13	Escherichia coli	Absent
14	Assay – Zinc (dried basis)	Not less than 31.30%