

Zinc Gluconate USP Specification

Sr.No	Test	Specification
1	Identification A – Zinc	Meets the requirements
2	Identification B – Thin-Layer Chromatography	The principal spot of the sample solution corresponds in colour, size, and RF value to that of the standard solution
3	Assay (Zinc Gluconate)	97.0% to 102.0% on the anhydrous basis
4	Chloride	Not more than 0.05%
5	Sulfate	Not more than 0.05%
6	Arsenic	Not more than 3 ppm
7	Limit of Lead	Not more than 10 ppm
8	Limit of Cadmium	Not more than 5 ppm
9	Reducing Substances	Not more than 1.0%
10	pH	5.5 to 7.5
11	Water Determination	Not more than 11.6%