

Zinc Oxide BP Specification

Sr.No	Test	Specification
1	Description	Soft, white or faintly yellowish–white, amorphous powder, free from gritty particles.
2	Solubility	Practically insoluble in water and in ethanol (96 per cent). It dissolves in dilute mineral acids.
3	Identification by Flame test	Becomes yellow when Strongly heated and yellow colour disappear on cooling.
4	Identification by Zinc	It give reaction of Zinc salt.
5	Alkalinity	Passes test
6	Carbonates and substances insoluble in acids	Passes test
7	Cadmium	Not more than 5 ppm
8	Lead	Not more than 10 ppm
9	Thallium	Not more than 5 ppm
10	Iron	Not more than 200 ppm
11	Loss on ignition	Not more than 1.0%
12	Assay as ZnO on ignited basis	Not less than 99.00% and not more than 100.5%