

Calamine BP Specification

Sr.No	Test	Specification
1	Description	Fine, pale pink to red powder.
2	Solubility	Practically insoluble in water. It dissolves with effervescence in hydrochloric acid.
3	Identification by Zinc test	Positive (meets general zinc identification)
4	Identification by Ferric Oxide Test	Reddish color upon adding ammonium thiocyanate.
5	Calcium	Solution remains clear
6	Soluble barium salts	Solution remains clear
7	Lead	Not more than 150 ppm
8	Chloride	Not more than 0.07%
9	Sulphate	Not more than 0.6%
10	Ethanol soluble dyes	The filtrate is colourless
11	Matter insoluble in Hydrochloric acid	Weight not more than 10 mg
12	Water soluble dye	The filtrate is colourless
13	Residue on ignition	Not less than 68.00% to not more than 74.00%