

Sodium Bicarbonate BP Specification

Sr.No	Test	Specification
1	Description	White or almost white, crystalline powder.
2	Solubility	Soluble in water, practically insoluble in ethanol (96 per cent).
3	Identification A	A pale pink colour is produced; on heating, gas is evolved and the solution becomes red.
4	Identification – Carbonates and Bicarbonates	Gives the reaction of carbonates and bicarbonates.
5	Identification – Sodium	Gives reaction of sodium.
6	Appearance of Solution	Solution is clear and colorless.
7	pH	Not more than 8.6.
8	Chlorides	Not more than 150 ppm.
9	Sulfates	Not more than 150 ppm.
10	Ammonium	Not more than 20 ppm.
11	Calcium	Not more than 100 ppm.
12	Iron	Not more than 20 ppm.
13	Assay (NaHCO_3)	Not less than 99.0% to Not more than 101.0%.