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Sodium Bicarbonate Tablets

» Sodium Bicarbonate Tablets contain not less than 95.0 percent and not more than 105.0 percent of the labeled amount of NaHCO_3 .

Packaging and storage—Preserve in well-closed containers.

Identification—A solution of Tablets responds to the tests for [Sodium \(191\)](#) and for [Bicarbonate \(191\)](#).

[DISINTEGRATION \(701\)](#): 30 minutes, simulated gastric fluid TS being substituted for water in the test.

[UNIFORMITY OF DOSAGE UNITS \(905\)](#): meet the requirements.

Assay—Weigh and finely powder not less than 20 Tablets. Weigh accurately a portion of the powder, equivalent to about 2 g of sodium bicarbonate, dissolve in 100 mL of water, add methyl red TS, and titrate with 1 N hydrochloric acid VS. Add the acid slowly, with constant stirring, until the solution becomes faintly pink. Heat the solution to boiling, cool, and continue the titration until the pink color no longer fades after boiling. Each mL of 1 N hydrochloric acid is equivalent to 84.01 mg of NaHCO_3 .

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
SODIUM BICARBONATE TABLETS	Documentary Standards Support	SM32020 Small Molecules 3
REFERENCE STANDARD SUPPORT	RS Technical Services RSTECH@usp.org	SM32020 Small Molecules 3

Chromatographic Database Information: [Chromatographic Database](#)

Most Recently Appeared In:
Pharmacopeial Forum: Volume No. Information currently unavailable

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