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Sodium Bitartrate,

$\text{NaHC}_4\text{H}_4\text{O}_6 \cdot \text{H}_2\text{O}$ 190.08 CAS RN[®]: 6131-98-2.—White crystals or a crystalline powder. Soluble in cold water.

- **ASSAY:** Dissolve about 500 mg, accurately weighed, in 30 mL of water, add phenolphthalein TS, and titrate with 0.1 N sodium hydroxide VS: each mL of 0.1 N sodium hydroxide is equivalent to 19.01 mg of $\text{NaHC}_4\text{H}_4\text{O}_6 \cdot \text{H}_2\text{O}$. Between 99% and 100.5% is found.
- **INSOLUBLE MATTER** (Reagent test): not more than 1 mg, from 10 g (0.01%).
- **CHLORIDE** (Reagent test): One g shows not more than 0.2 mg of Cl (0.02%).
- **HEAVY METALS** (Reagent test): Dissolve 4 g in 25 mL of water, add 2 drops of phenolphthalein TS, and then add ammonia TS, dropwise, until the solution is slightly pink. Add 4 mL of 1 N hydrochloric acid, dilute with water to 40 mL, and add 10 mL of hydrogen sulfide TS: any brown color produced is not darker than that of a control containing 0.04 mg of added Pb (0.001%).
- **SULFATE** (Reagent test, *Method I*): One g shows not more than 0.2 mg of SO_4 (0.02%).

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

Topic/Question	Contact	Expert Committee
SODIUM BITARTRATE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

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