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## N-Bromosuccinimide,

$C_4H_4BrNO_2$  177.98 CAS RN<sup>®</sup>: 128-08-5.—White to off-white crystals or powder. Freely soluble in water, in acetone, and in glacial acetic acid. [CAUTION—Highly irritating to eyes, skin, and mucous membranes.]

• **Assay:** Transfer 200 mg, accurately weighed, to a conical flask, add 25 mL of 0.5 N alcoholic potassium hydroxide, cover with a watch glass, heat to boiling, and boil for 5 minutes. Cool, transfer the solution to a beaker, rinsing the flask with water until the total volume of solution plus rinsings is about 100 mL, and add 10 mL of glacial acetic acid. Insert suitable electrodes, and titrate with 0.1 N silver nitrate VS, determining the endpoint potentiometrically. Each mL of 0.1 N silver nitrate is equivalent to 17.80 mg of  $C_4H_4BrNO_2$ . Not less than 98% is found.

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

Topic/Question	Contact	Expert Committee
N-BROMOSUCCINIMIDE	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

**Most Recently Appeared In:**

Pharmacopeial Forum: Volume No. Information currently unavailable

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