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## Zinc, Activated

—Place zinc pellets in a conical flask, and add a sufficient quantity of a 50-ppm solution of chloroplatinic acid to cover all pellets. Allow the metal to remain in contact with the solution for 10 min, drain, wash, and dry immediately.

**Assay:** To 5 g of activated zinc add 15 mL of hydrochloric acid, 25 mL of water, 0.1 mL of stannous chloride solution (235 mg/mL in hydrochloric acid), and 5 mL of potassium iodide solution (166 mg/mL in water). No stain is produced when in contact with mercuric bromide paper. Repeat the test for arsenic, using the same reagents and adding a solution containing 1 µg of arsenic. An appreciable stain appears when in contact with mercuric bromide paper.

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

Topic/Question	Contact	Expert Committee
ZINC, ACTIVATED	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

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