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## Hydrazine Dihydrochloride,

$(\text{NH}_2)_2 \cdot 2\text{HCl}$  104.97 CAS RN<sup>®</sup>: 5341-61-7.—White powder.

**Assay:** Dissolve about 34 mg, accurately weighed, in 50 mL of water. Add carefully while stirring, 1 g of sodium bicarbonate. [**CAUTION**—There may be a rapid evolution of carbon dioxide.] Titrate with 0.1 N iodine solution, determining the endpoint potentiometrically. Perform a blank determination, and make any necessary corrections. Each mL of 0.1 N iodine solution is equivalent to 2.63 mg of  $(\text{NH}_2)_2 \cdot 2\text{HCl}$ . Not less than 98% is found.

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

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

**Most Recently Appeared In:**

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