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Hydrazine Hydrate, 85% in Water,

$(\text{NH}_2)_2 \cdot \text{H}_2\text{O}$ 50.06 CAS RN[®]: 7803-57-8.—Colorless liquid.

Assay: Transfer 600 mg, accurately weighed, to a 100-mL volumetric flask. Dilute with water to volume, and mix. Pipet 10 mL into a suitable beaker, and add 1.0 g of sodium bicarbonate and 50.0 mL of 0.1 N iodine VS. Titrate the excess iodine with 0.1 N sodium thiosulfate VS, using starch TS as the indicator. Perform a blank determination, and make any necessary correction. Each mL of 0.1 N iodine is equivalent to 1.252 mg of $(\text{NH}_2)_2 \cdot \text{H}_2\text{O}$. Not less than 83% is found.

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

Topic/Question	Contact	Expert Committee
HYDRAZINE HYDRATE, 85% IN WATER	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

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