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2,2'-Bipyridine

(α,α' -Dipyridyl), $C_{10}H_8N_2$ 156.18 CAS RN®: 366-18-7.—White or pink, crystalline powder. Soluble in water and in alcohol. Melts at about 69°, and boils at about 272°.

Sensitiveness: Prepare the following solutions: (A)—Dissolve 350 mg of ferrous ammonium sulfate in 50 mL of water containing 1 mL of sulfuric acid, and add 500 mg of hydrazine sulfate, then add water to make 500 mL. For use, dilute this solution with water in the ratio of 1 in 100 mL. (B)—Dissolve 8.3 g of sodium acetate and 12 mL of glacial acetic acid in water to make 100 mL. Add 1 mL of a solution of the specimen (1 in 1000) to a mixture of 10 mL of water and 1 mL of each of solutions A and B: a pink color results immediately.

Solubility: A 100-mg portion dissolves completely in 10 mL of water.

Residue on Ignition (Reagent test): not more than 0.2%.

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

Topic/Question	Contact	Expert Committee
2,2'-BIPYRIDINE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

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