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2-Naphthol

(*Betanaphthol*), $C_{10}H_7OH$ 144.17 CAS RN®: 135-19-3.—White leaflets or crystalline powder. Discolors on exposure to light. Very slightly soluble in water; soluble in alcohol, in ether, in chloroform, and in solutions of alkali hydroxides.

MELTING RANGE (741): between 121° and 123°.

Solubility in Alcohol: A solution of 1 g in 10 mL of alcohol is complete and colorless or practically so.

Residue on Ignition (Reagent test): not more than 0.05%.

Acidity: Shake 1 g with 50 mL of water occasionally during 15 minutes, and filter: the filtrate is neutral to litmus.

1-Naphthol: Boil 100 mg with 10 mL of water until dissolved, cool, and filter. Add to the filtrate 0.3 mL of 1 N sodium hydroxide and 0.3 mL of 0.1 N iodine: no violet color is produced.

Insoluble in Ammonia (naphthalene, etc.): Shake 500 mg with 30 mL of ammonia TS: the 2-naphthol dissolves completely and the solution is not darker than pale yellow.

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

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

Most Recently Appeared In:

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