

Status: Currently Official on 16-Feb-2025  
 Official Date: Official Prior to 2013  
 Document Type: Reagents  
 DocId: GUID-8A2EEC25-8154-4015-B89B-C261092505D1\_1\_en-US  
 DOI: [https://doi.org/10.31003/USPNF\\_R2381\\_01\\_01](https://doi.org/10.31003/USPNF_R2381_01_01)  
 DOI Ref: d77n7

© 2025 USPC  
 Do not distribute

## 1-(2-Pyridylazo)-2-naphthol,

$C_{15}H_{11}N_3O$  249.27 CAS RN<sup>®</sup>: 85-85-8.—Stable, orange-red crystals. Soluble in alcohol and in hot solutions of dilute alkalis; slightly soluble in water.

**MELTING RANGE (741):** between 140° and 142°.

**Sensitiveness:** Add 0.1 mL of a 1 in 1000 solution of it in alcohol to a mixture of 10 mL of water and 1 mL of a buffer solution prepared by mixing 80 mL of 0.2 M acetic acid and 20 mL of sodium acetate solution (8.2 in 100), and mix. To this solution add 1 mL of a mixture of 1 mL of cupric sulfate TS and 2 mL of water, and mix: the color changes from yellow to red.

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

Topic/Question	Contact	Expert Committee
1-(2-PYRIDYLAZO)-2-NAPHTHOL	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

**Most Recently Appeared In:**

Pharmacopeial Forum: Volume No. Information currently unavailable

**Current DocID:** [GUID-8A2EEC25-8154-4015-B89B-C261092505D1\\_1\\_en-US](#)

**DOI:** [https://doi.org/10.31003/USPNF\\_R2381\\_01\\_01](https://doi.org/10.31003/USPNF_R2381_01_01)

**DOI ref:** [d77n7](#)