

Status: Currently Official on 16-Feb-2025
 Official Date: Official Prior to 2013
 Document Type: Reagents
 DocId: GUID-08167073-2C6E-4D18-913F-50ABF9FAB05C_1_en-US
 DOI: https://doi.org/10.31003/USPNF_R2373_01_01
 DOI Ref: be6nb

© 2025 USPC
 Do not distribute

Purine,

$C_5H_4N_4$ 120.11 CAS RN®: 120-73-0.—White to off-white powder.

MELTING RANGE (741): between 214° and 217°.

A single spot is exhibited when it is examined by thin-layer chromatography, with the use of plates coated with chromatographic silica gel mixture and a developing system consisting of butyl alcohol, water, and glacial acetic acid (60:25:15).

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

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

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

Current DocId: [GUID-08167073-2C6E-4D18-913F-50ABF9FAB05C_1_en-US](#)

DOI: https://doi.org/10.31003/USPNF_R2373_01_01

DOI ref: [be6nb](#)

OFFICIAL