

Status: Currently Official on 13-Feb-2025
Official Date: Official Prior to 2013
Document Type: Reagents
DocId: GUID-BA304AD7-B738-4AD5-B99E-8BFEC57ABF63_1_en-US
DOI: https://doi.org/10.31003/USPNF_R2193_01_01
DOI Ref: 45v4w

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1-(2-Aminoethyl)piperazine,

$C_6H_{15}N_3$ 129.20 CAS RN[®]: 140-31-8.—Viscous, colorless liquid.

Assay: Inject an appropriate specimen into a suitable gas chromatograph (see [Chromatography \(621\)](#)) equipped with a flame-ionization detector, helium being used as the carrier gas. The following conditions have been found suitable: a 0.25-mm × 30-m capillary column coated with G2. The injection port temperature is maintained at 280°; the column temperature is maintained at 180° and programmed to rise 10° per minute to 280° and held there for 10 minutes. The detector temperature is maintained at 300°. The area of the main peak is not less than 97% of the total peak area.

REFRACTIVE INDEX (831): between 1.4978 and 1.5010 at 20°.

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

Topic/Question	Contact	Expert Committee
1-(2-AMINOETHYL)PIPERAZINE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

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