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N-Aminohexamethyleneimine

(*N-Aminohomopiperidine, 1-Aminohomopiperidine*), $C_6H_{14}N_2$ 114.19 CAS RN[®]: 5906-35-4.—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 180°; the column temperature is maintained at 80° and programmed to rise 10° per minute to 230° and then maintained at 230° for 5 minutes. The detector temperature is maintained at 300°. The area of the main peak is not less than 95% of the total peak area.

REFRACTIVE INDEX (831): between 1.4840 and 1.4860 at 20°.

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

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

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