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2,4,6-Trimethylpyridine

(5-Collidine), $C_8H_{11}N$ 121.18 CAS RN[®]: 108-75-8.—Clear, colorless liquid. Soluble in cold water and less soluble in hot water; soluble in alcohol, in chloroform, and in methanol. Miscible with ether.

Assay: Inject an appropriate test specimen into a suitable gas chromatograph (see [Chromatography \(621\)](#)), helium being used as a carrier gas. The following conditions have been found suitable: a 3-mm × 1.85-m stainless steel column containing phase G16 on support S1A; the injection port, column, and detector temperatures are maintained at 180°, 165°, and 270°, respectively; and a flame-ionization detector is used. The area of the $C_8H_{11}N$ peak is not less than 98% of the total peak area.

REFRACTIVE INDEX (831): between 1.4970 and 1.4990, at 20°.

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

Topic/Question	Contact	Expert Committee
2,4,6-TRIMETHYLPYRIDINE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

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