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tert-Butylamine,

$C_3H_9CNH_2$ 73.14 CAS RN®: 75-64-9.—Liquid.

- **Assay:** Inject an appropriate volume into a 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 a 1- μ m layer of phase G2; the injection port temperature is maintained at 230°; the detector temperature is maintained at 300°; the column temperature is maintained at 130° and programmed to rise 10° per minute to 280°. The area of the $C_3H_9CNH_2$ peak is not less than 99.5% of the total peak area.
- **REFRACTIVE INDEX (831):** between 1.3770 and 1.3790 at 20°.

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

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

Most Recently Appeared In:

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