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## Dibutylamine,

$C_8H_{19}N$  129.24 CAS RN<sup>®</sup>: 111-92-2.—Colorless 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- $\mu$ m layer of phase G2; the injection port temperature is maintained at 200°; the detector temperature is maintained at 300°; and the column temperature is maintained at 100° and programmed to rise 10° per minute to 200°. The area of the  $C_8H_{19}N$  peak is not less than 99% of the total peak area.

**REFRACTIVE INDEX (831):** between 1.415 and 1.419 at 20°.

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

Topic/Question	Contact	Expert Committee
DIBUTYLAMINE	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

**Most Recently Appeared In:**

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