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Carbazole,

$C_{12}H_9N$ 167.21 CAS RN[®]: 86-74-8.—Off-white to tan powder.

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 280°; the detector temperature is maintained at 300°; and the column temperature is maintained at 280°. The area of the $C_{12}H_9N$ peak is not less than 95.5% of the total peak area.

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

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

Most Recently Appeared In:

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