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Anisole,

$\text{CH}_3\text{OC}_6\text{H}_5$ 108.14 CAS RN[®]: 100-66-3.—Colorless liquid.

Assay: Inject an appropriate specimen (about 0.5 μL) into a suitable gas chromatograph (see [Chromatography \(621\)](#)) equipped with a flame-ionization detector, nitrogen being used as the carrier gas. The following conditions have been found suitable: a 30-m capillary column is coated with phase G3; the injection port and detector temperatures are maintained at 140° and 300°, respectively; the column temperature is maintained at 70° and programmed to rise 10° per minute to 170°. The area of the anisole peak is not less than 99% of the total peak area.

REFRACTIVE INDEX (831): 1.5160 at 20°.

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

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

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