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Triphenylmethanol,

$C_{19}H_{16}O$ 260.34 CAS RN[®]: 76-84-6.—White to off-white 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 180°. The area of the $C_{19}H_{16}O$ peak is not less than 96.5% of the total peak area.

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

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

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