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Triphenylmethane,

$C_{19}H_{16}$ 244.34 CAS RN[®]: 519-73-3.—Light brown 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 300°; the detector temperature is maintained at 300°; and the column temperature is maintained at 200° and programmed to rise 10° per minute to 300°. The area of the $C_{19}H_{16}$ peak is not less than 99% of the total peak area.

MELTING RANGE (741): between 92° and 94°.

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

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

Most Recently Appeared In:

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