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Trichlorofluoromethane,

CCl_3F 137.37 CAS RN[®]: 75-69-4.—Colorless liquid.

Assay: Inject an appropriate specimen into a gas chromatograph (see [Chromatography \(621\)](#)) equipped with a thermal conductivity detector, helium being used as the carrier gas. The following conditions have been found suitable: a 2.0-mm × 1.8-m glass column packed with 10% G1 phase on support S1A; the injection port temperature is maintained at 50°; the detector temperature is maintained at 300°; and the column temperature is maintained at 0° and programmed to rise 3° per minute to 50°. The area of the CCl_3F peak is not less than 99% of the total peak area.

REFRACTIVE INDEX (831): between 1.380 and 1.384 at 20°.

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

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

Most Recently Appeared In:

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