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## Dichlorofluoromethane,

$\text{CHCl}_2\text{F}$  102.92 CAS RN<sup>®</sup>: 75-43-4.—Colorless gas.

**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 0.53-mm × 30-m capillary column coated with a 5- $\mu\text{m}$  layer of phase G2; the injection port temperature is maintained at 200°; the detector temperature is maintained at 200°; and the column temperature is maintained at 0° and programmed to rise 5° per minute to 40°, and then to rise 10° per minute to 180°. The area of the  $\text{CHCl}_2\text{F}$  peak is not less than 98% of the total peak area.

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

Topic/Question	Contact	Expert Committee
DICHLOROFUOROMETHANE	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

**Most Recently Appeared In:**

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