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## Triethylene Glycol,

$C_6H_{14}O_4$  150.17 CAS RN<sup>®</sup>: 112-27-6.—Colorless to pale yellow liquid. Is hygroscopic. Miscible with water, with alcohol, and with toluene.

**Assay:** Inject an appropriate test specimen into a suitable gas chromatograph equipped with a flame-ionization detector (see [Chromatography \(621\)](#)), helium being used as the carrier gas. The following conditions have been found suitable: a 3-mm × 1.85-m stainless steel column packed with support S2; the injection port, column, and detector temperatures are maintained at 250°, 230°, and 310°, respectively. The area of the  $C_6H_{14}O_4$  peak is not less than 97% of the total peak area.

**REFRACTIVE INDEX (831):** between 1.4550 and 1.4570, at 20°.

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

| Topic/Question     | Contact  | Expert Committee |
|--------------------|--|------------------|
| TRIETHYLENE GLYCOL | <a href="#">Margareth R.C. Marques</a><br>Principal Scientific Liaison | HDQ Headquarters |

**Most Recently Appeared In:**

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