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## o-Xylene,

$C_8H_{10}$  106.17 CAS RN<sup>®</sup>: 95-47-6.—Clear, colorless, mobile, flammable liquid. Insoluble in water; miscible with alcohol and with ether.

- **Assay:** When examined by gas-liquid chromatography, it shows a purity of not less than 95%. The following conditions have been found suitable for assaying the substance: A 3-mm × 1.8-m stainless steel column packed with 1.75% hydrated aluminum silicate plus 5.0% diisodecyl phthalate on support S1. Helium, having a flow rate of about 27.5 mL per minute is the carrier gas, the detector temperature is about 280°, the injection port temperature is about 180°, and the column temperature is 80°. A flame-ionization detector is employed.
- **REFRACTIVE INDEX (831):** between 1.5040 and 1.5060, at 20°.

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

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

**Most Recently Appeared In:**

Pharmacopeial Forum: Volume No. Information currently unavailable

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