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## Hexanophenone,

$C_{12}H_{16}O$  176.25 CAS RN<sup>®</sup>: 942-92-7.—Yellow liquid.

**Assay:** Inject an appropriate specimen into a suitable 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- $\mu$ m layer of phase G3; the injection port temperature is maintained at 280°; the detector temperature is maintained at 300°; the column temperature is maintained at 180° and programmed to rise 10° per minute to 280°. The area of the  $C_{12}H_{16}O$  peak is not less than 98% of the total peak area.

**REFRACTIVE INDEX (831):** 1.511 ± 0.002 at 20°.

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

Topic/Question	Contact	Expert Committee
HEXANOPHENONE	<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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