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Octanophenone,

$C_{14}H_{20}O$ 204.31 CAS RN[®]: 1674-37-9.—Colorless liquid.

Assay

Mobile phase: Prepare a filtered and degassed mixture of acetonitrile and water (7:3).

Procedure: Inject about 20 μ L into a suitable liquid chromatograph (see [Chromatography \(621\)](#)) equipped with a 254-nm detector and a 4.6-mm \times 15.0-cm column that contains packing L1. The flow rate is about 2 mL per minute. The area of the $C_{14}H_{20}O$ peak is not less than 99% of the total peak area.

REFRACTIVE INDEX (831): 1.5043 at 20°.

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

Topic/Question	Contact	Expert Committee
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