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# 1-Chloronaphthalene

(*α*-Chloronaphthalene), C<sub>10</sub>H<sub>7</sub>Cl 162.62 CAS RN<sup>®</sup>: 90-13-1.—Colorless to light yellow liquid.

**Assay:** Use a gas chromatograph equipped with a flame-ionization detector. The following conditions have been found suitable: a 3.2-mm × 1.83-m stainless steel column is packed with 7% phase G2 on support S1A; the injection port temperature is maintained at 250° and the detector temperature at 310°; and the column temperature is programmed to increase at a rate of 10° per minute from 50° to 250°. Not less than 90% of C<sub>10</sub>H<sub>7</sub>Cl is found, of which not more than 10% is 2-chloronaphthalene.

**REFRACTIVE INDEX (831):** between 1.6320 and 1.6340, at 20°.

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

Topic/Question	Contact	Expert Committee
1-CHLORONAPHTHALENE	<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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