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## Nonadecane,

$C_{19}H_{40}$  268.52 CAS RN<sup>®</sup>: 629-92-5.—White solid.

**Assay:** Inject an appropriate specimen into a suitable gas chromatograph (see [Chromatography \(621\)](#)) equipped with a thermal conductivity detector, helium being used as the carrier gas. The following conditions have been found suitable: 3-mm × 1.8-m stainless steel column containing 5% phase G2 on support S1AB; the injection port temperature is maintained at 330°; the detector temperature is maintained at 300°; and the oven temperature is held initially at 190° and allowed to rise gradually to 250°. The area of the nonadecane peak is not less than 99% of the total peak area.

**MELTING RANGE (741):** between 31.5° and 33.5°.

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

Topic/Question	Contact	Expert Committee
NONADECANE	<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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