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## Methyl Stearate,

$C_{19}H_{38}O_2$  298.50 CAS RN<sup>®</sup>: 112-61-8.—Off-white, crystalline solid.

**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 capillary column coated with a 1- $\mu$ m layer of phase G2; the injection port temperature is maintained at 300°; the detector temperature is maintained at 300°; the column temperature is maintained at 200° and programmed to rise 10° per minute to 300°. The area of the  $C_{19}H_{38}O_2$  peak is not less than 99% of the total peak area.

**MELTING RANGE (741):** between 40° and 42°.

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

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

**Most Recently Appeared In:**

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