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Methyl Laurate,

$C_{13}H_{26}O_2$ 214.34 CAS RN[®]: 110-82-0.—Colorless liquid.

Assay: Inject an appropriate volume into a 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- μ m layer of phase G2; 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 $C_{13}H_{26}O_2$ peak is not less than 99.45% of the total peak area.

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

Topic/Question	Contact	Expert Committee
METHYL LAURATE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

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