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Methyl Heptadecanoate,

$C_{18}H_{36}O_2$ 284.48 CAS RN®: 1731-92-6.—White, crystalline flakes.

Assay: Inject an appropriate specimen 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 G8; the injection port temperature is maintained at 220°; the detector temperature is maintained at 220°; the column temperature is maintained at 180° and programmed to rise 4° per minute to 220°. The area of the $C_{18}H_{36}O_2$ peak is not less than 99% of the total peak area.

MELTING RANGE (741): between 31° and 32°.

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

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

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

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