

Status: Currently Official on 16-Feb-2025
 Official Date: Official Prior to 2013
 Document Type: Reagents
 DocId: GUID-A3E46368-5A21-4E66-95AD-896B2944EE3F_1_en-US
 DOI: https://doi.org/10.31003/USPNF_R2184_01_01
 DOI Ref: hjj3w

© 2025 USPC
 Do not distribute

Methyl Linoleate,

$C_{19}H_{34}O_2$ 294.47 CAS RN®: 112-63-0.—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 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 $C_{19}H_{34}O_2$ peak is not less than 99% of the total peak area.

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

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

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

Current DocID: [GUID-A3E46368-5A21-4E66-95AD-896B2944EE3F_1_en-US](#)

DOI: https://doi.org/10.31003/USPNF_R2184_01_01

DOI ref: [hjj3w](#)