

Status: Currently Official on 17-Feb-2025  
Official Date: Official Prior to 2013  
Document Type: Reagents  
DocId: GUID-B8312EE3-21CF-45DB-94F8-3F188D9A3538\_1\_en-US  
DOI: [https://doi.org/10.31003/USPNF\\_R2545\\_01\\_01](https://doi.org/10.31003/USPNF_R2545_01_01)  
DOI Ref: ngs8h

© 2025 USPC  
Do not distribute

## Vinyl Acetate,

$\text{CH}_3\text{COOCH}=\text{CH}_2$  86.09 CAS RN<sup>®</sup>: 108-05-4.—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- $\mu\text{m}$  layer of G2; the injection port temperature is maintained at 100°; the detector temperature is maintained at 300°; and the column temperature is maintained at 100° and programmed to rise 10° per minute to 150°. The area of the  $\text{CH}_3\text{COOCH}=\text{CH}_2$  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
VINYL ACETATE	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

**Most Recently Appeared In:**

Pharmacopeial Forum: Volume No. Information currently unavailable

**Current DocID:** [GUID-B8312EE3-21CF-45DB-94F8-3F188D9A3538\\_1\\_en-US](#)

**DOI:** [https://doi.org/10.31003/USPNF\\_R2545\\_01\\_01](https://doi.org/10.31003/USPNF_R2545_01_01)

**DOI ref:** [ngs8h](#)

OFFICIAL