

Status: Currently Official on 13-Feb-2025  
Official Date: Official Prior to 2013  
Document Type: Reagents  
DocId: GUID-94CA1F80-0667-422F-A80D-7220067EAC2F\_1\_en-US  
DOI: [https://doi.org/10.31003/USPNF\\_R1688\\_01\\_01](https://doi.org/10.31003/USPNF_R1688_01_01)  
DOI Ref: d49er

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## p-Acetotoluidide,

$C_9H_{11}NO$  149.19 CAS RN<sup>®</sup>: 103-89-9.—White to off-white powder.

- **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- $\mu$ m layer of phase G2; the injection port temperature is maintained at 230°; the detector temperature is maintained at 300°; and the column temperature is maintained at 130° and programmed to rise 10° per minute to 280°. The area of the  $C_9H_{11}NO$  peak is not less than 98.5% of the total peak area.
- **MELTING RANGE (741):** between 145° and 151°.

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

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

**Most Recently Appeared In:**

Pharmacopeial Forum: Volume No. Information currently unavailable

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