

Status: Currently Official on 14-Feb-2025  
Official Date: Official Prior to 2013  
Document Type: Reagents  
DocId: GUID-26B129CD-B0DF-4147-92FA-6E540791146E\_1\_en-US  
DOI: [https://doi.org/10.31003/USPNF\\_R1921\\_01\\_01](https://doi.org/10.31003/USPNF_R1921_01_01)  
DOI Ref: c81i3

© 2025 USPC  
Do not distribute

## 2,5-Dimethoxybenzaldehyde,

$C_9H_{10}O_3$  166.17 CAS RN<sup>®</sup>: 93-02-7.—Off-white crystals.

**Assay:** Inject an appropriate specimen into a suitable gas chromatograph (see [Chromatography \(621\)](#)) equipped with a flame-ionization detector, nitrogen being used as the carrier gas. The following conditions have been found suitable: a 0.3-mm × 30-m capillary column coated with phase G1; the injection port temperature is maintained at 270°; the detector temperature is maintained at 300°; the column temperature is maintained at 150° and programmed to rise 10° per minute to 270°. The area of the main peak is not less than 97% of the total peak area.

**MELTING RANGE (741):** between 50° and 52°.

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

Topic/Question	Contact	Expert Committee
2,5-DIMETHOXYBENZALDEHYDE	<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-26B129CD-B0DF-4147-92FA-6E540791146E\\_1\\_en-US](#)

**DOI:** [https://doi.org/10.31003/USPNF\\_R1921\\_01\\_01](https://doi.org/10.31003/USPNF_R1921_01_01)

**DOI ref:** [c81i3](#)

OFFICIAL