

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
DOI Ref: c81i3

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2,5-Dimethoxybenzaldehyde,

$C_9H_{10}O_3$ 166.17 CAS RN[®]: 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	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

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