

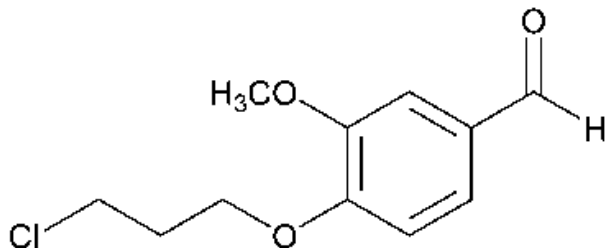
# Certificate

## CHLOROPROPYL VANILLIN

(4-(3-Chloropropoxy)-3-methoxybenzaldehyde)

USP Catalog No.: 1117110

USP Lot No.: F051M0

	CAS No.: 151719-92-5
	Molecular Formula: C <sub>11</sub> H <sub>13</sub> ClO <sub>3</sub>
	Molecular Weight: 228.67

**LABEL TEXT**

For use with specified USP compendial tests.  
Not for use as a drug. See SDS prior to use  
at [www.usp.org/sds](http://www.usp.org/sds).



Lot: F051M0

**USP REFERENCE STANDARD**

**CHLOROPROPYL VANILLIN 25 mg**

(4-(3-Chloropropoxy)-3-methoxybenzaldehyde)



Warning! Causes eye irritation.

Do not dry. For quantitative applications, use a value of 0.97 mg of  
chloropropyl vanillin per mg of material on the as is basis. Keep container  
tightly closed. Store in a refrigerator.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666

Cat. No. 1117110 Material mfd. in India

Wash thoroughly after handling. Wear eye/face  
protection. If in eyes: Rinse cautiously with water for  
several minutes. Remove contact lenses, if present and  
easy to do. Continue rinsing. If eye irritation persists: Get  
medical advice/attention.

*Jeri L. Joth*

*Quality Assurance*

**Calculation Value**

If a value is not provided on the label or accompanying documentation and the Reference Standard has a quantitative USP compendial application, a value of 100.0% is used. The purity value is not applicable for qualitative uses. Please refer to the specific Reference Standard label for further information.

**Expiration**

Current lots are identified in the current USP Catalog. In some cases, the previous lot may still be considered valid for use. If so, it is identified in the column marked "Previous Lot/Valid Use Date."

It is the responsibility of each user to determine that this lot is current or valid when used. For the most up-to-date information, please refer to the USP Store at [www.usp.org](http://www.usp.org).

**Instructions for Use**

Follow the instructions on the label of the USP Reference Standard and in the appropriate USP documentary standard(s).

**Non-Monograph Use**

The suitability of this Reference Standard for use in non-compendial applications is solely the responsibility of the user.

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