



CERTIFICATE OF ANALYSIS

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1. Identification

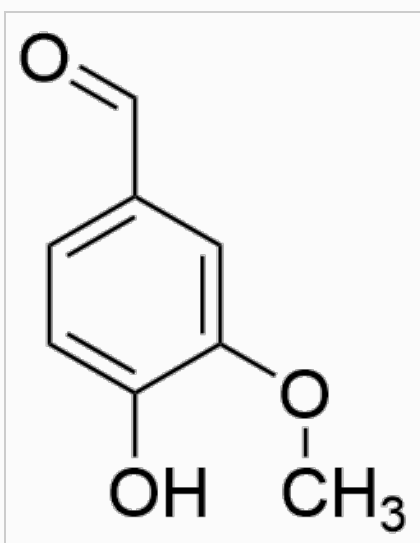
Catalogue Number: V097500

CAS Number: 121-33-5

Product: Vanillin

Synonym: 4-Hydroxy-3-(methoxy)benzaldehyde; 2-(Methoxy)-4-formylphenol; p-Vanillin; 3-(Methoxy)-4-hydroxybenzaldehyde; 4-Formyl-2-(methoxy)phenol; 4-Hydroxy-m-anisaldehyde; H 0264; Lioxin; Rhovanil; Vanillaldehyde; Vanillic Aldehyde; NSC 403658; NSC 15351;

Structure:



Molecular Formula:

C₈H₈O₃

Molecular weight:

152.15

Source of Product:

N/A

Solubility:

Acetonitrile (Slightly),
Chloroform (Slightly), DMSO
(Slightly), Ethyl Acetate (

Lot Number: 23-SBL-18-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 63.09, %H: 5.31
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.99% (230 nm)
MS	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Christina Gouliaras	6/30/2022	6/28/2026
				