



CERTIFICATE OF ANALYSIS

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1. Identification

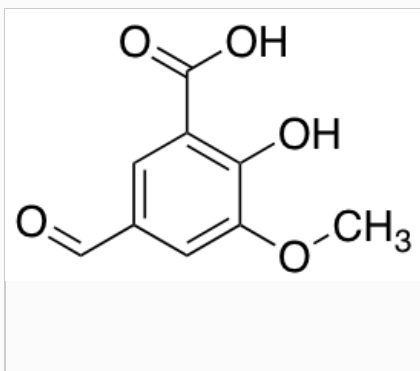
Catalogue Number: C183318

CAS Number: 3507-08-2

Product: 5-Carboxyvanillin

Synonym: 5-Formyl-3-methoxysalicylic Acid; 5-Formyl-o-vanillic Acid; 5-Formyl-2-hydroxy-3-methoxybenzoic Acid; 3-Carboxy-4-hydroxy-5-methoxybenzaldehyde; 5-Carboxy-4-hydroxy-3-methoxybenzaldehyde

Structure:



Molecular Formula:

C₉H₈O₅

Molecular weight:

196.16

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 20-JPO-60-1

Purity: 95%

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

Storage Condition: -20°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Yellow Solid	Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 54.97, %H: 4.19
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.12% (230 nm)

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 $\pm 2\%$. 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	Chanell Chu	7/15/2021	7/13/2025