



CERTIFICATE OF ANALYSIS

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1. Identification

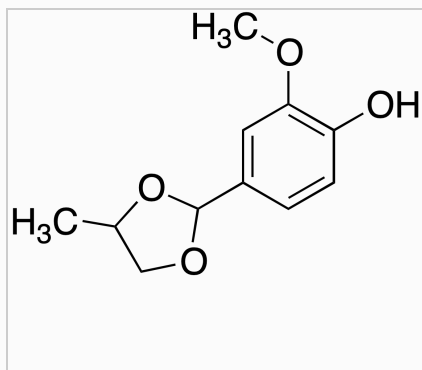
Catalogue Number: V097505

CAS Number: 68527-74-2

Product: Vanillin Propylene Glycol Acetal

Synonym: Vanillin 1,2-propylene glycol acetal; 2-Methoxy-4-(4-methyl-1,3-dioxolan-2-yl)phenol

Structure:



Molecular Formula:

C₁₁H₁₄O₄

Molecular weight:

210.23

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 711623503-1-3

Purity: 97%

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: |
|--------------------|-----------------------------|----------------------|
| NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 62.50, %H: 6.99 |
| HPLC Purity | Report Result | 97.13% (205 nm) |
| MS | Conforms to Structure | Conforms |
| Appearance | Colourless Oil to Thick Oil | Clear Colourless Oil |

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 |
|-------------|---------------|--------------------|-----------|-------------|
| Henry Tieu | Toni Rantanen | Chanell Chu | 7/15/2022 | 7/13/2026 |