

# Certificate of Analysis

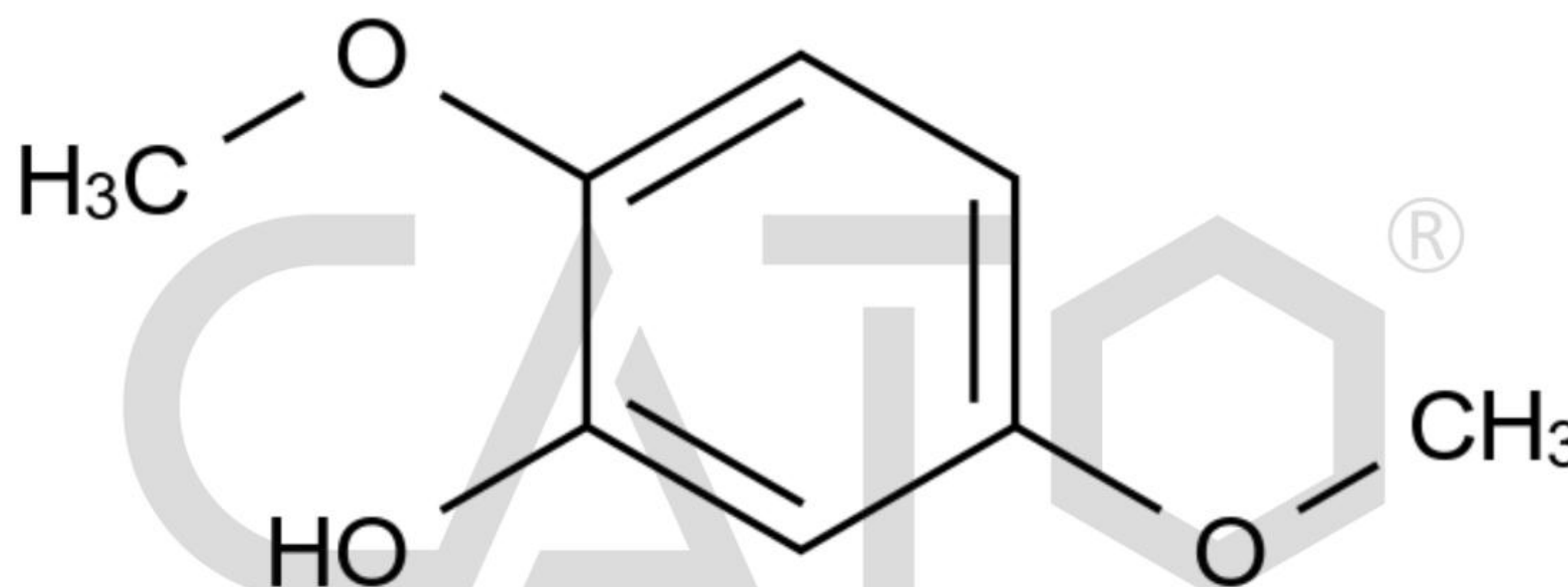
## Reference Material & Standard

|                    |                                               |                     |                                           |
|--------------------|-----------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Guaiacol EP Impurity D                        | Catalogue Number:   | C1415881                                  |
| Synonyms:          | N/A                                           | Lot Number:         | 1111-RG-0025                              |
| CAS Number:        | 18113-18-3                                    | Expiry Date:        | Nov 19, 2029                              |
| Molecular Formula: | C <sub>8</sub> H <sub>10</sub> O <sub>3</sub> | Storage:            | Room Temp Protected from light and Sealed |
| Molecular Weight:  | 154.16                                        | Shipping Condition: | Shipping at Room Temperature              |

Warning:



Chemical Structure:



| Test Items     | Method            | Results       |
|----------------|-------------------|---------------|
| Appearance     | Visual inspection | Yellow Liquid |
| Identification | GCMS&HNMR         | Confirmed     |
| Purity         | GC                | 100.000%      |
| Water Content  | Karl Fischer      | 0.5020%       |
| Assay          |                   | 99.5%         |

## Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) \* Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Nov 20, 2025

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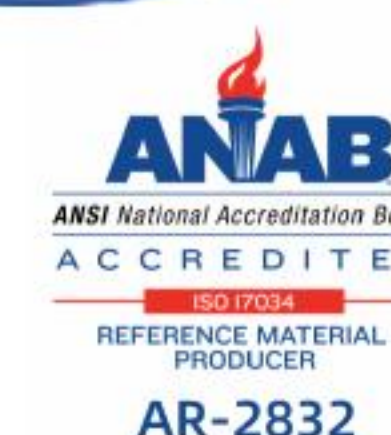
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Page 1 of 6



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