

# Certificate of Analysis

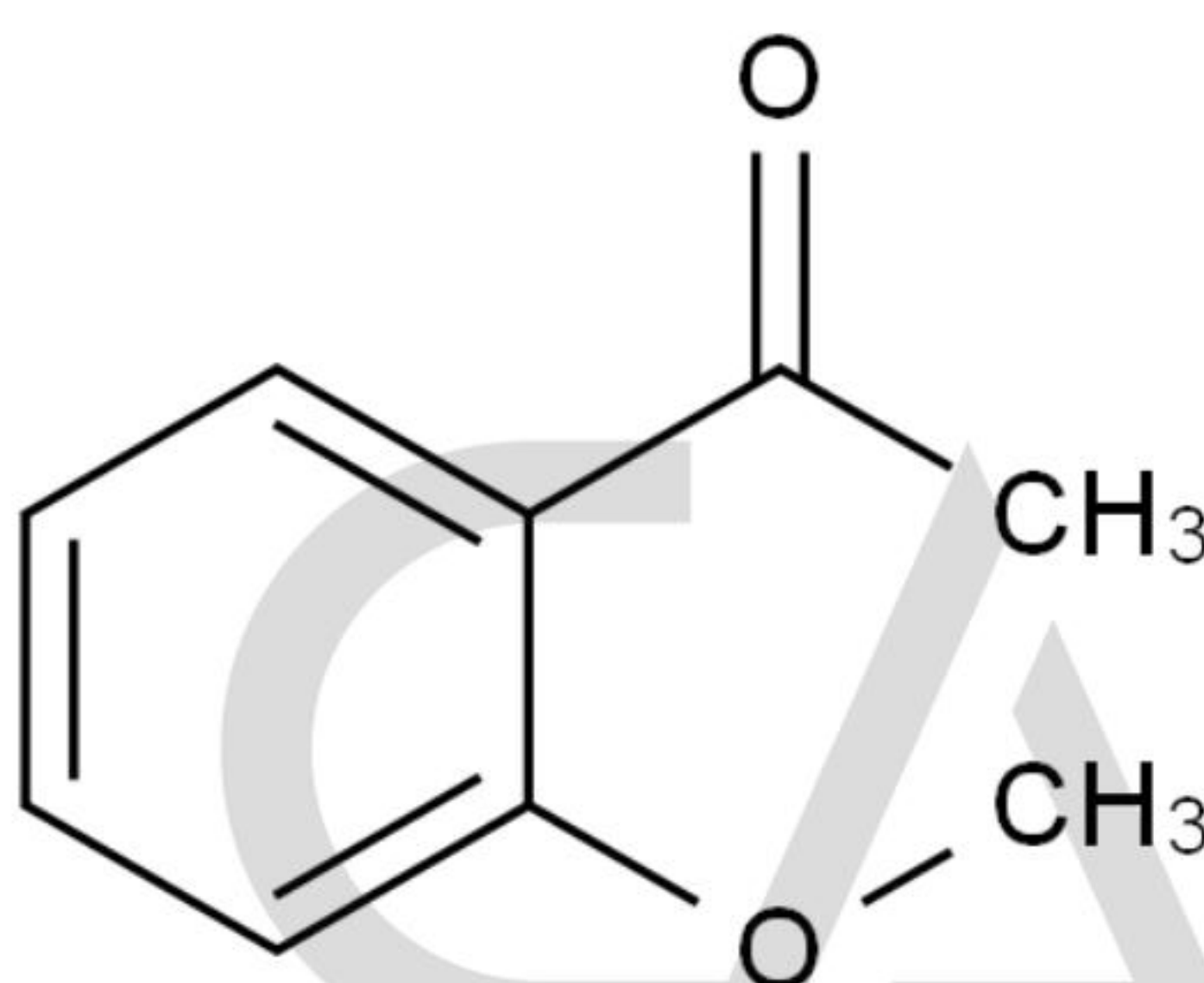
## Reference Material & Standard

|                    |                                               |                     |                                           |
|--------------------|-----------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | 2'-Methoxyacetophenone                        | Catalogue Number:   | CCHM702311                                |
| Synonyms:          | N/A                                           | Lot Number:         | 0328-RF-0010                              |
| CAS Number:        | 579-74-8                                      | Expiry Date:        | Mar 31, 2028                              |
| Molecular Formula: | C <sub>9</sub> H <sub>10</sub> O <sub>2</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 150.17                                        | Shipping Condition: | Shipping at Room Temperature              |

Warning:



Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Colourless Liquid |
| Identification | GCMS&HNMR         | Confirmed         |
| Purity         | GC                | 97.7%             |
| Assay          | qNMR              | 97.0%             |
| Uncertainty    |                   | ±2.0%             |

## Comment:

1. Assay was determined by quantitative <sup>1</sup>H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

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Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Apr 01, 2024

Date: Apr 02, 2024

Date: Apr 02, 2024



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