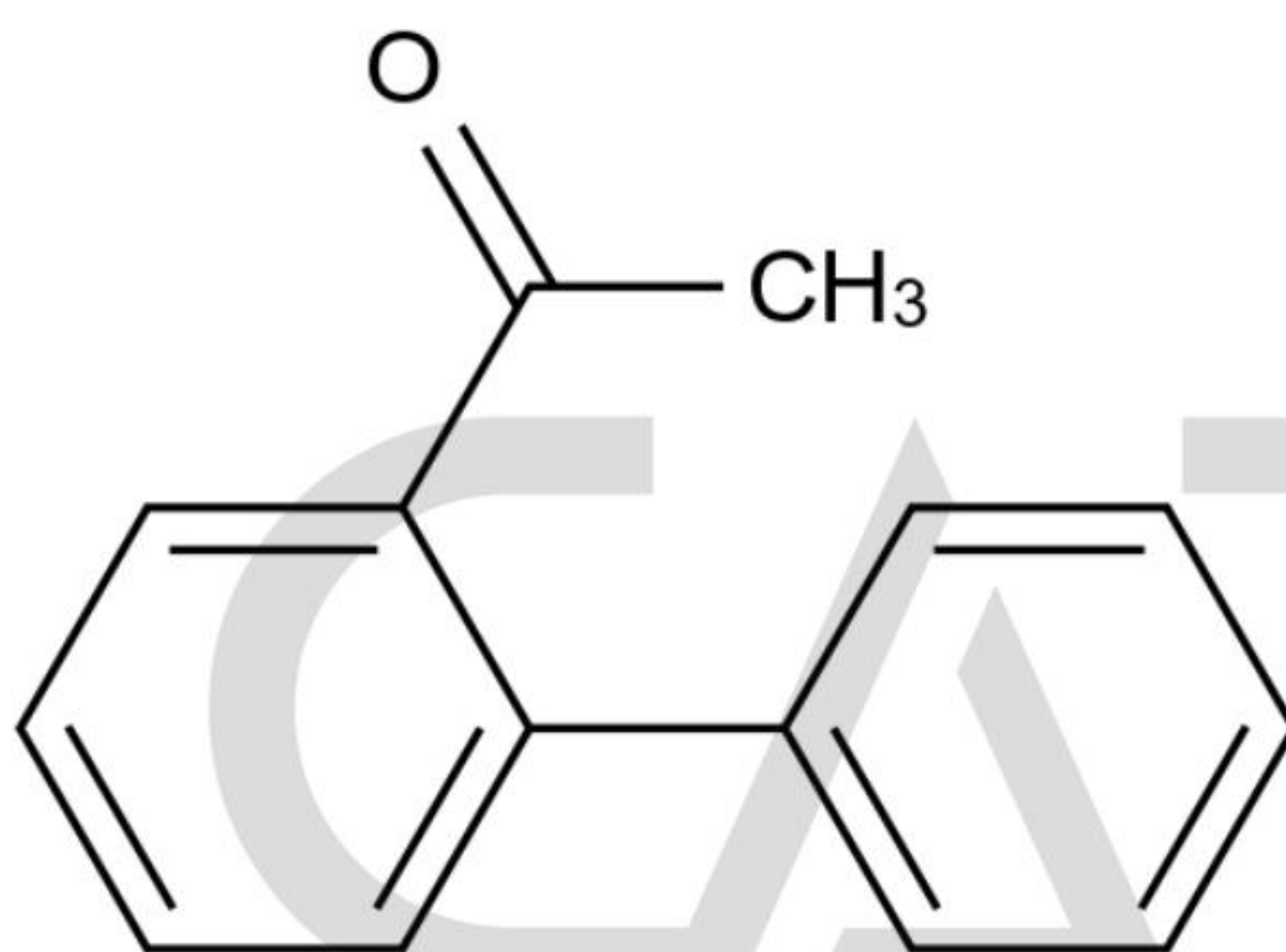


# Certificate of Analysis

## Reference Material & Standard

|                    |                                   |                     |                                                                                      |
|--------------------|-----------------------------------|---------------------|--------------------------------------------------------------------------------------|
| Product Name:      | 1-([1,1'-Biphenyl]-2-yl)ethanone  | Catalogue Number:   | C1508325                                                                             |
| Synonyms:          | N/A                               | Lot Number:         | 1106-RG-0050                                                                         |
| CAS Number:        | 2142-66-7                         | Expiry Date:        | Nov 09, 2029                                                                         |
| Molecular Formula: | C <sub>14</sub> H <sub>12</sub> O | Storage:            | 2°C ~ 8°C Protected from light and Sealed                                            |
| Molecular Weight:  | 196.24                            | Shipping Condition: | Shipping at Room Temperature                                                         |
| Solubility:        | Acetonitrile                      | Warning:            |  |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 99.2%       |
| Assay          | qNMR              | 98.5%       |

Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Nov 10, 2025

Date: Nov 10, 2025

Date: Nov 10, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: [supports@cato-chem.com](mailto:supports@cato-chem.com)

Web: <https://www.cato-chem.com>

