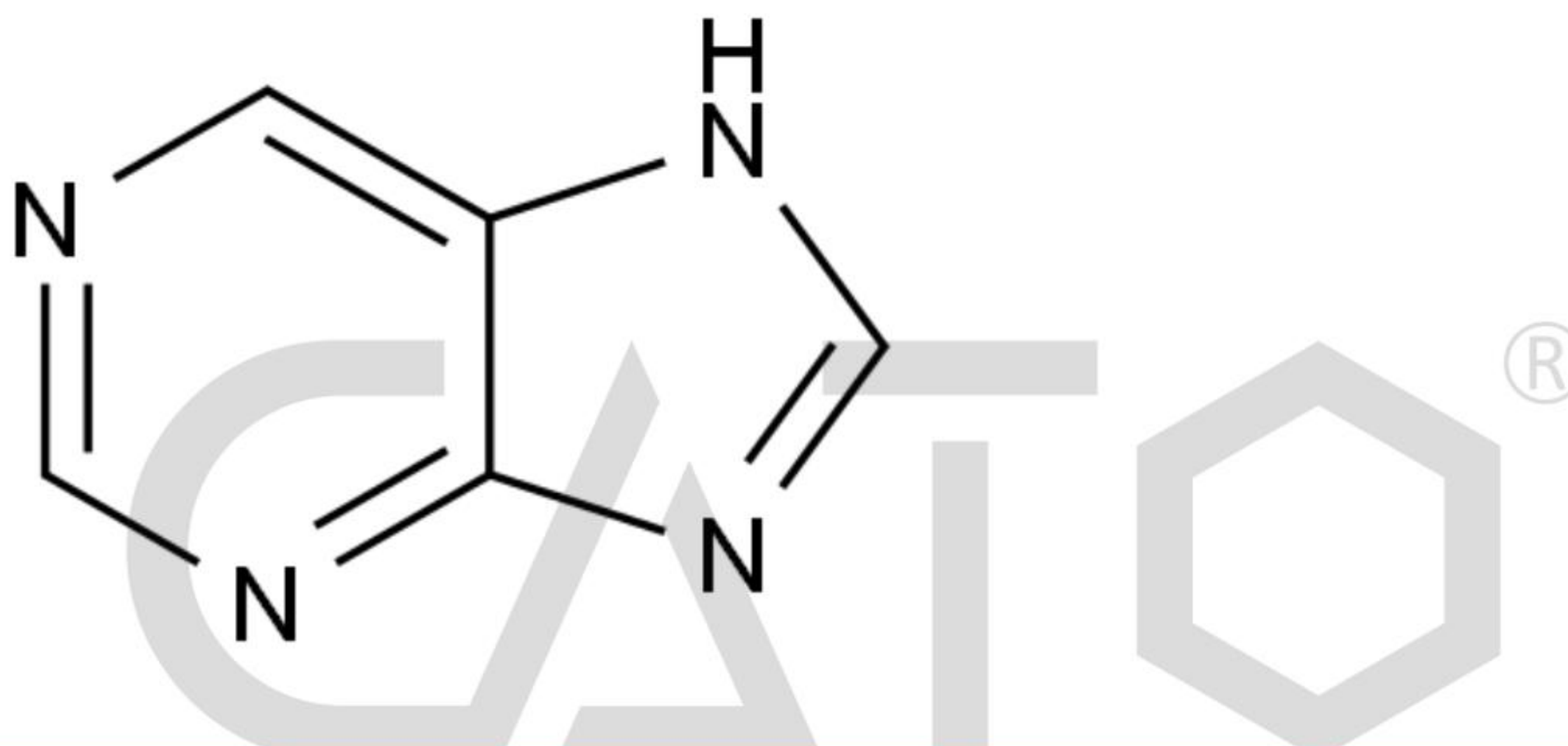


# Certificate of Analysis

## Reference Material & Standard

|                    |                                              |                     |                                           |
|--------------------|----------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Purine                                       | Catalogue Number:   | CCAD301729                                |
| Synonyms:          | N/A                                          | Lot Number:         | 1204-RG-0097                              |
| CAS Number:        | 120-73-0                                     | Expiry Date:        | Dec 11, 2029                              |
| Molecular Formula: | C <sub>5</sub> H <sub>4</sub> N <sub>4</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 120.11                                       | Shipping Condition: | Shipping at Room Temperature              |

Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Pale Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed         |
| Purity         | ELSD              | 95.8%             |
| Assay          | qNMR              | 92.6%             |
| Uncertainty    |                   | ±1.4%             |

## Comment:

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:

Prepared by:

*Nice*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Dec 12, 2025

Date: Dec 12, 2025

Date: Dec 12, 2025



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