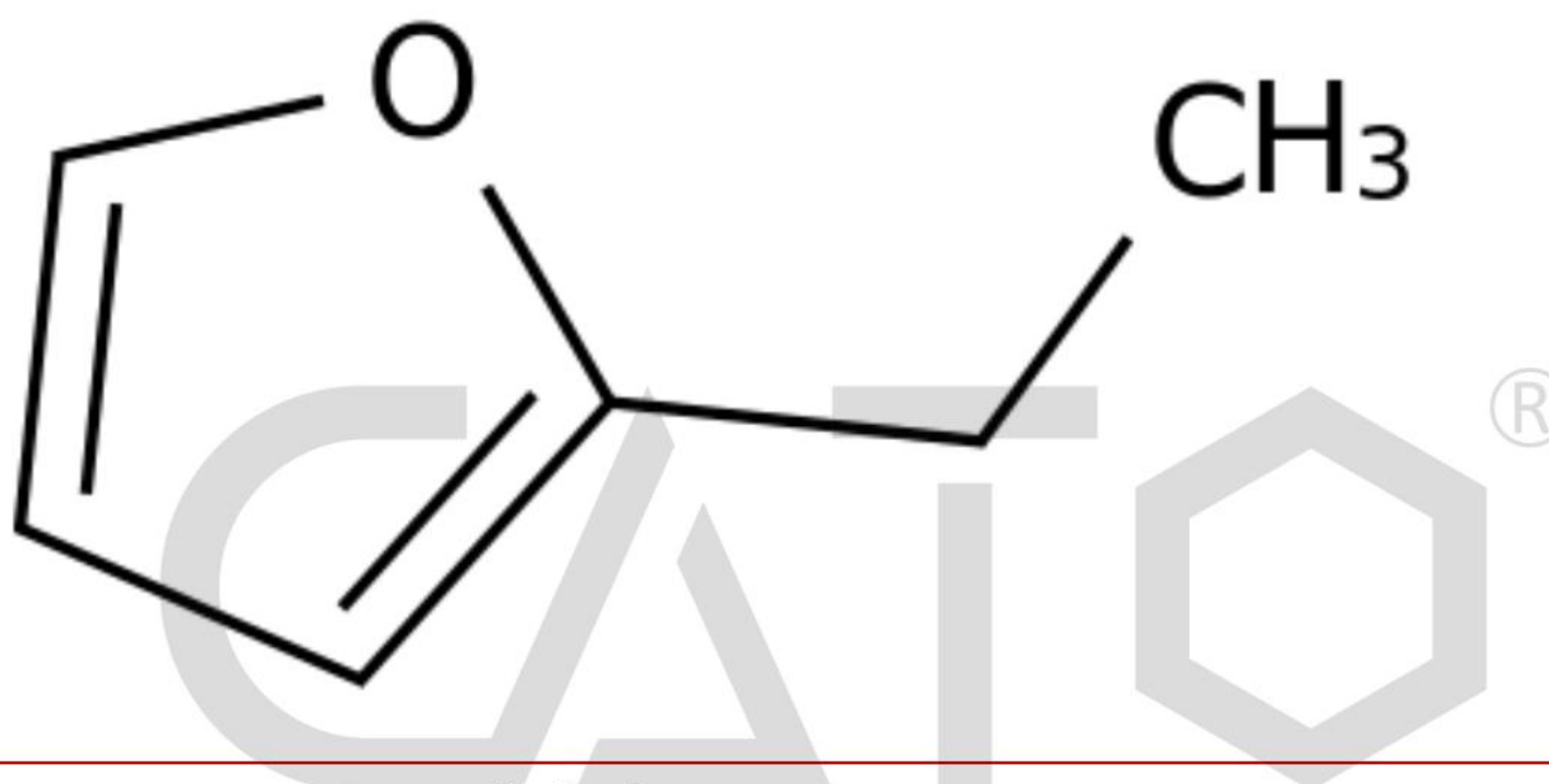


# Certificate of Analysis

## Reference Material & Standard

|                    |                                 |                   |                                                                                     |
|--------------------|---------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | 2-Ethylfuran                    | Catalogue Number: | CCFD201553                                                                          |
| Synonyms:          | N/A                             | Lot Number:       | 0913-RF-0088                                                                        |
| CAS Number:        | 3208-16-0                       | Expiry Date:      | Sep 12, 2028                                                                        |
| Molecular Formula: | C <sub>6</sub> H <sub>8</sub> O | Storage:          | 2°C ~ 8°C Protected from light and Sealed                                           |
| Molecular Weight:  | 96.13                           | Warning:          |  |

Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Colourless Liquid |
| Identification | GCMS&HNMR         | Confirmed         |
| Purity         | GC                | 98.5%             |
| Assay          | qNMR              | 90.5%             |
| 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:

Prepared by:

*Nice*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Sep 13, 2024

Date: Sep 13, 2024

Date: Sep 13, 2024

