

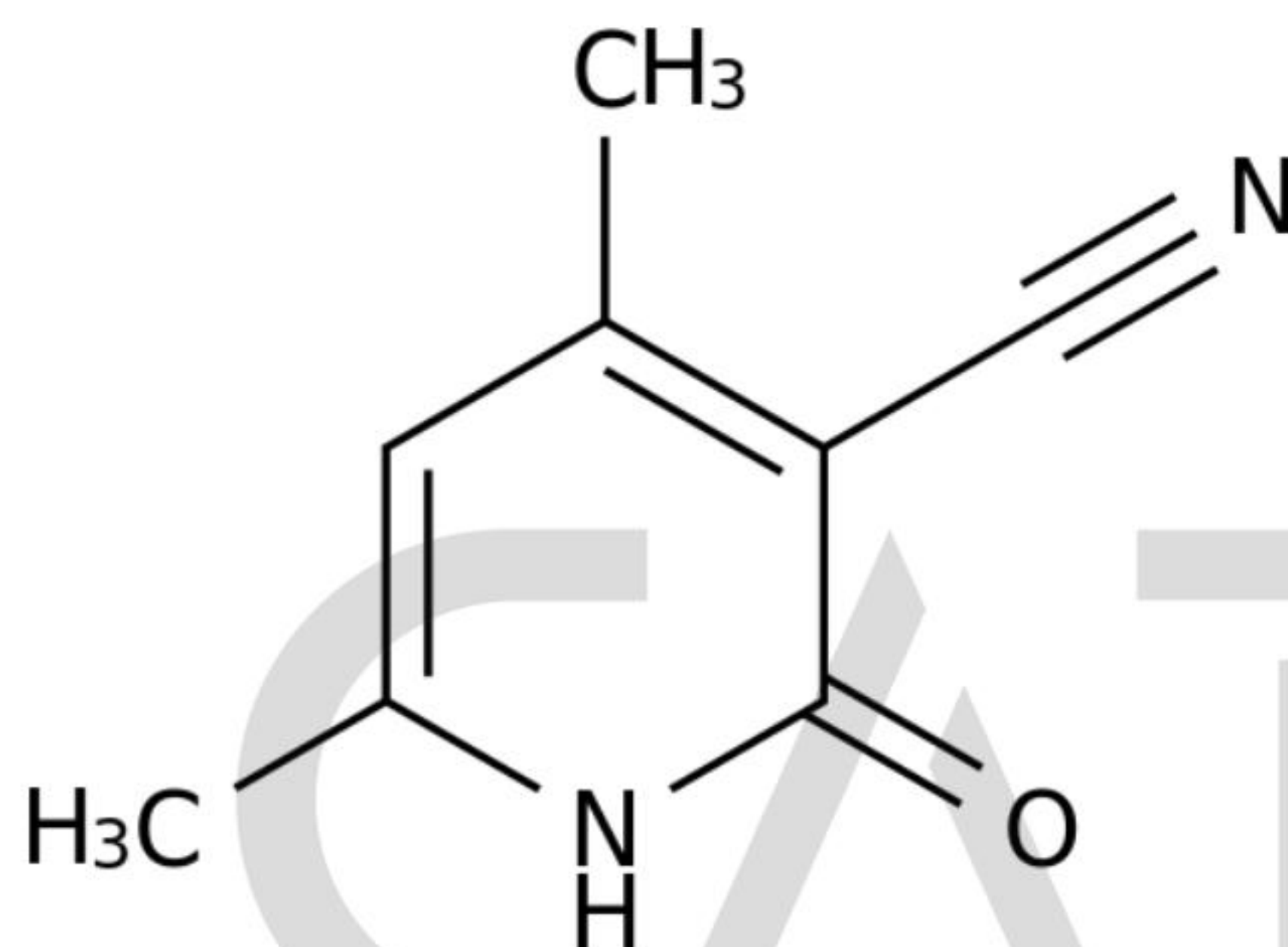
# Certificate of Analysis

## Reference Material & Standard

|                           |                                                |                          |                                           |
|---------------------------|------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Montelukast Impurity 39                        | <b>Catalogue Number:</b> | C4X-103139                                |
| <b>Synonyms:</b>          | 3-Cyano-4,6-dimethyl-2-hydroxypyridine         | <b>Lot Number:</b>       | 0722-RG-0051                              |
| <b>CAS Number:</b>        | 769-28-8                                       | <b>Expiry Date:</b>      | Jul 23, 2029                              |
| <b>Molecular Formula:</b> | C <sub>8</sub> H <sub>8</sub> N <sub>2</sub> O | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 148.16                                         | <b>Warning:</b>          |                                           |



Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | HPLC              | 100.0%          |
| Assay          | qNMR              | 98.3%           |

Signature:

Prepared by:

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Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Jul 24, 2025

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