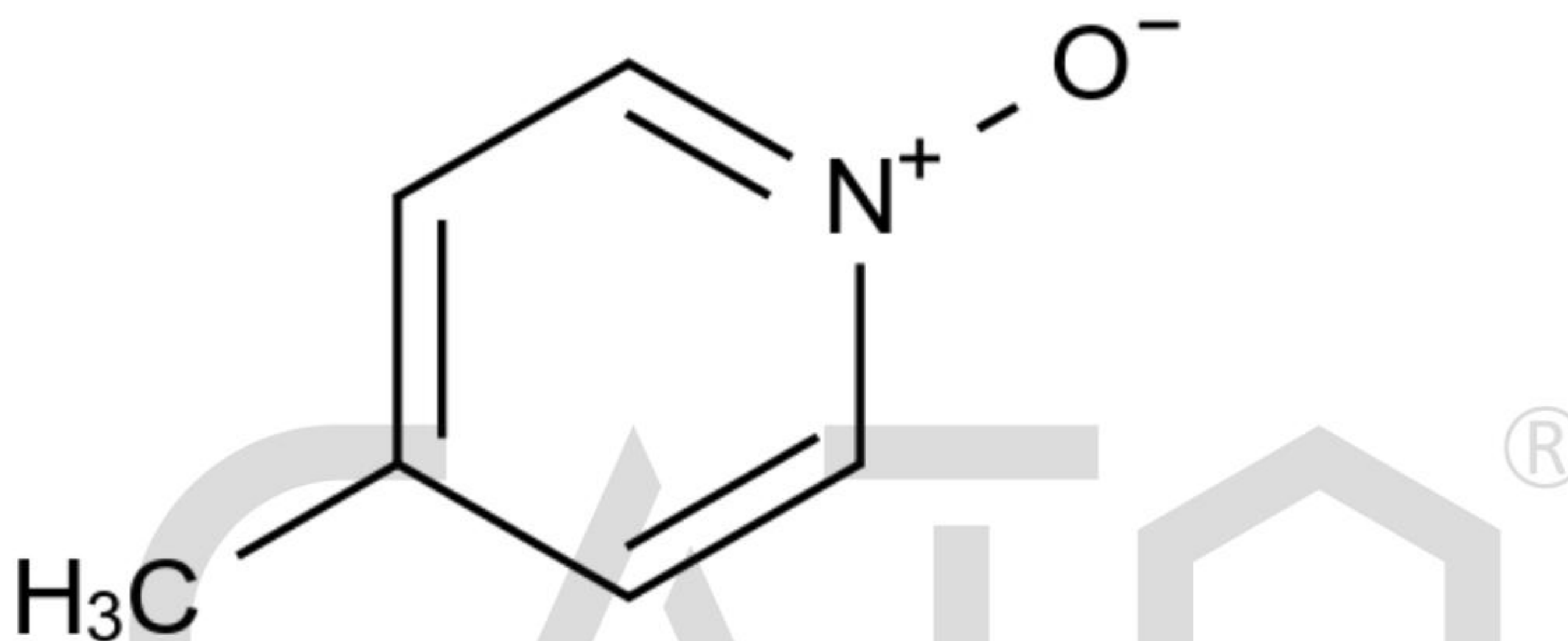


# Certificate of Analysis

## Reference Material & Standard

|                    |                                  |                   |                                           |
|--------------------|----------------------------------|-------------------|-------------------------------------------|
| Product Name:      | 4-Picoline-N-oxide               | Catalogue Number: | C3D-5515                                  |
| Synonyms:          | N/A                              | Lot Number:       | 0326-RF-0079                              |
| CAS Number:        | 1003-67-4                        | Expiry Date:      | Mar 31, 2027                              |
| Molecular Formula: | C <sub>6</sub> H <sub>7</sub> NO | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 109.13                           |                   |                                           |

Chemical Structure:



| Test Items     | Method               | Results           |
|----------------|----------------------|-------------------|
| Appearance     | Visual inspection    | Pale Yellow Solid |
| Identification | LCMS&IR&UV&CNMR&HNMR | Confirmed         |
| Purity         | HPLC                 | 99.8%             |
| Assay          | qNMR                 | 99.4%             |

## Comment:

Assay was determined by quantitative <sup>1</sup>H-NMR.

Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Aporoved by General Manager:

*David*

Date: Apr 01, 2024

Date: Apr 01, 2024

Date: Apr 01, 2024

