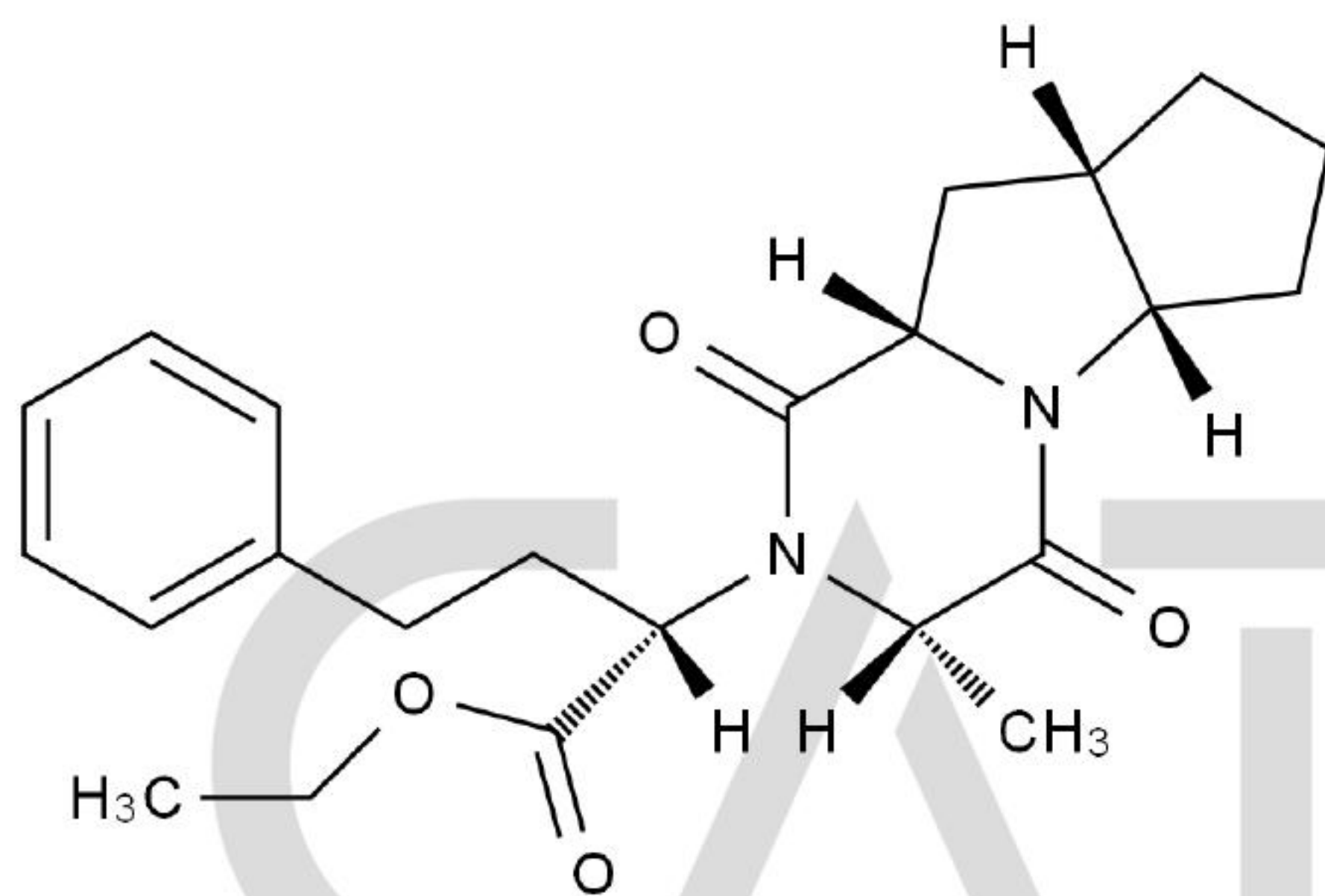


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                   |                                                                                     |
|--------------------|---------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | Ramipril EP Impurity D                                        | Catalogue Number: | C4X-174413                                                                          |
| Synonyms:          | N/A                                                           | Lot Number:       | 0821-RF-0080                                                                        |
| CAS Number:        | 108731-95-9                                                   | Expiry Date:      | Aug 13, 2027                                                                        |
| Molecular Formula: | C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed                                           |
| Molecular Weight:  | 398.50                                                        | Warning:          |  |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 98.5%       |
| Assay          | qNMR              | 97.1%       |

## Comment:

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

## Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Aug 26, 2024

Date: Aug 27, 2024

Date: Aug 27, 2024

