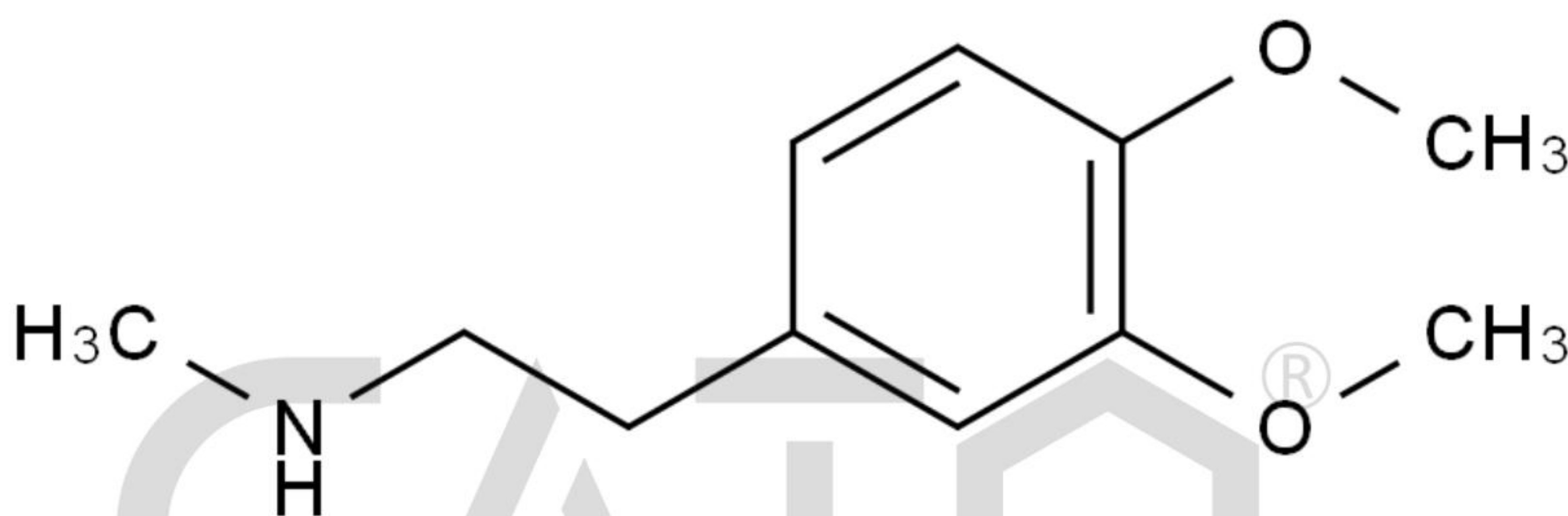


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                 |                   |                                           |
|--------------------|-------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Verapamil EP Impurity B                         | Catalogue Number: | C4X-17782                                 |
| Synonyms:          | N/A                                             | Lot Number:       | 0620-RE-0088                              |
| CAS Number:        | 3490-06-0                                       | Expiry Date:      | Jul 17, 2029                              |
| Molecular Formula: | C <sub>11</sub> H <sub>17</sub> NO <sub>2</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 195.26                                          |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results                       |
|----------------|-------------------|-------------------------------|
| Appearance     | Visual inspection | Colourless to Pale Yellow Oil |
| Identification | LCMS&HNMR         | Confirmed                     |
| Purity         | HPLC              | 96.4%                         |
| Assay          | qNMR              | 94.7%                         |

Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Jul 18, 2025

Date: Jul 18, 2025

Date: Jul 18, 2025

