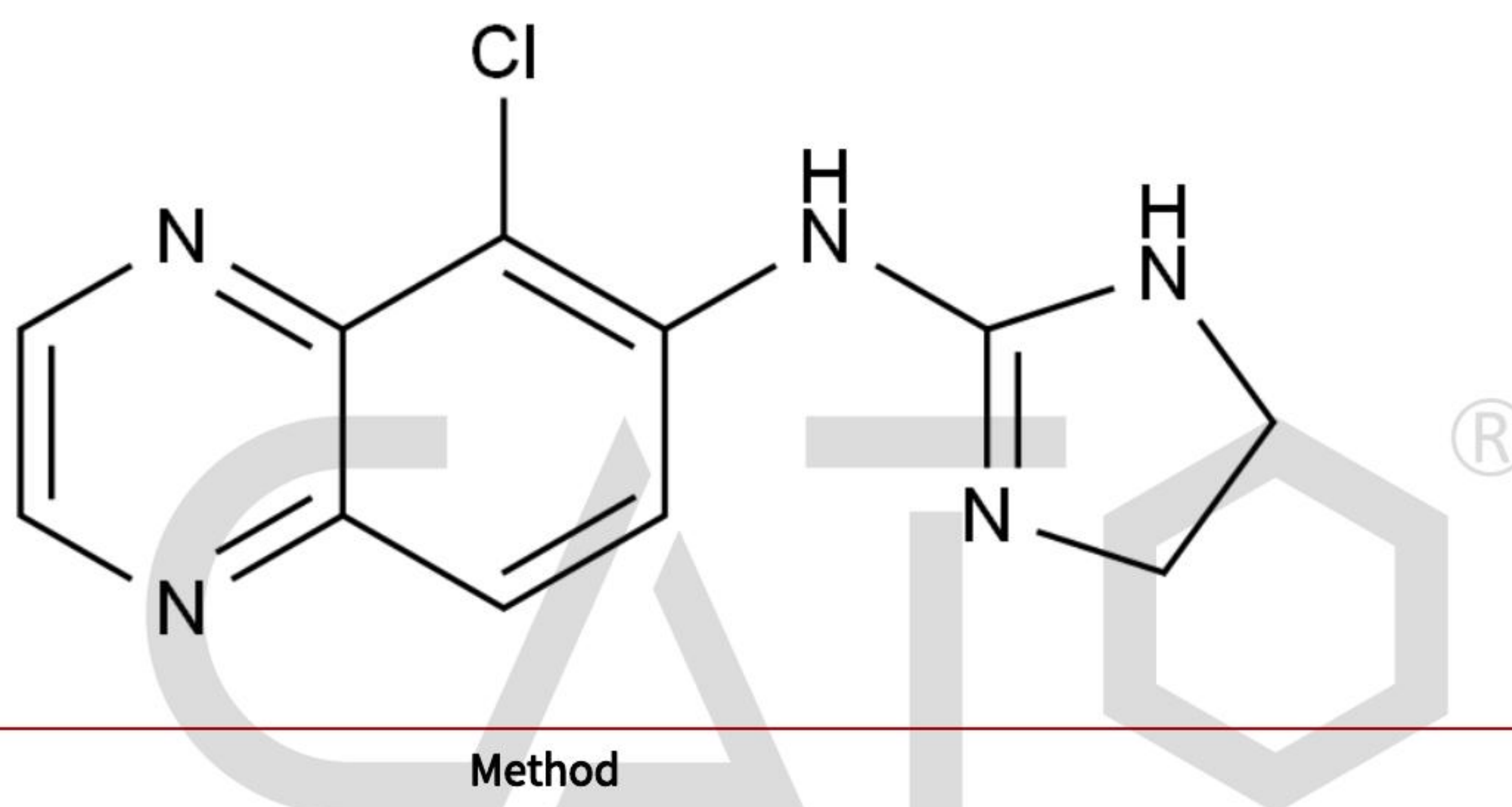


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                  |                   |                                           |
|--------------------|--------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Brimonidine Impurity 15                          | Catalogue Number: | C4X-156615                                |
| Synonyms:          | N/A                                              | Lot Number:       | 0126-RG-0077                              |
| CAS Number:        | 91147-46-5                                       | Expiry Date:      | Feb 05, 2028                              |
| Molecular Formula: | C <sub>11</sub> H <sub>10</sub> ClN <sub>5</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 247.68                                           |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results      |
|----------------|-------------------|--------------|
| Appearance     | Visual inspection | Yellow Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed    |
| Purity         | HPLC              | 98.586%      |
| Loss On Drying | TGA               | 1.2279%      |
| Assay          |                   | 97.4%        |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) \* Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Feb 06, 2025

Date: Feb 06, 2025

Date: Feb 06, 2025

