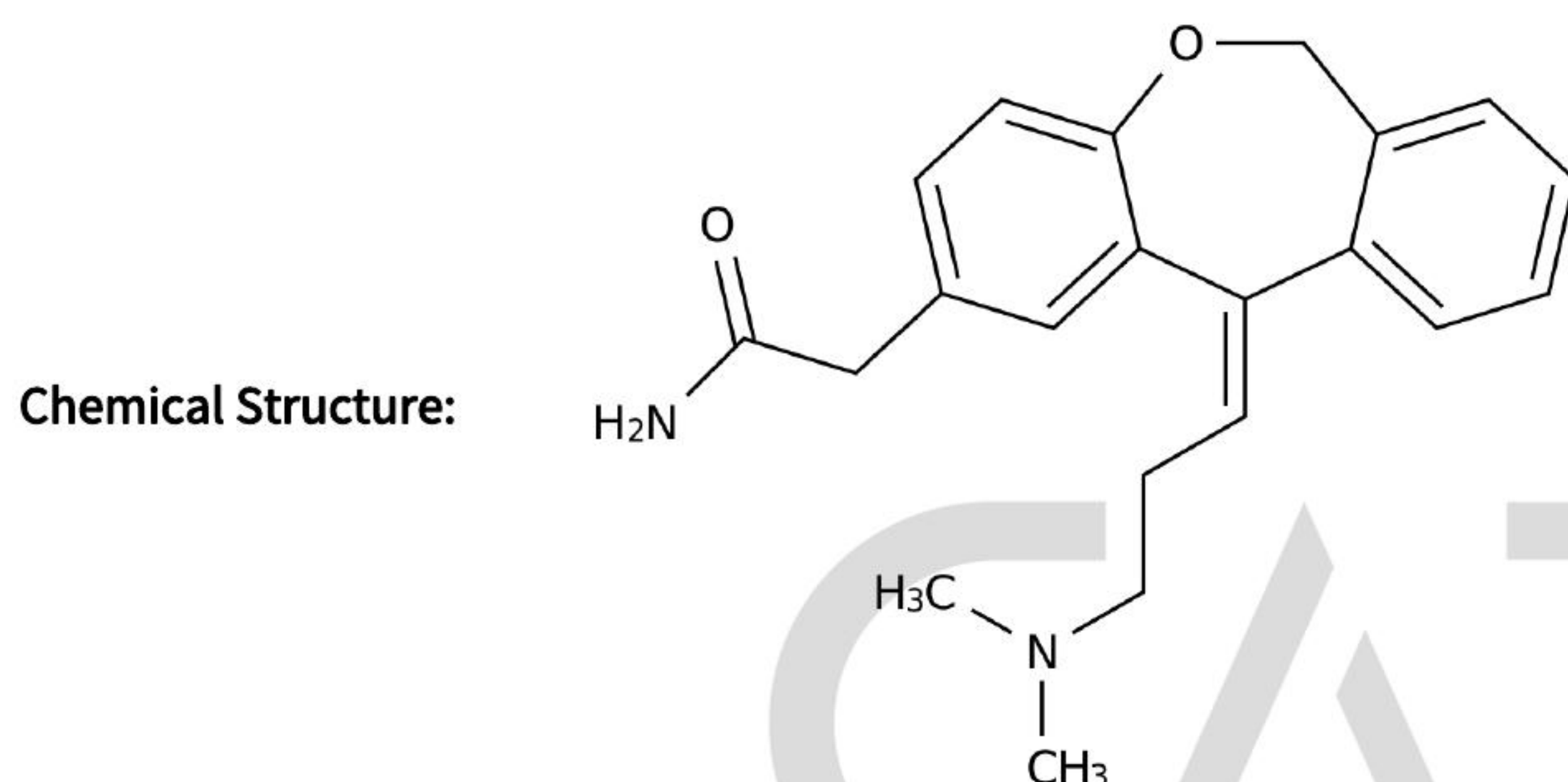


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                   |                                           |
|--------------------|---------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Olopatadine Impurity 47                                       | Catalogue Number: | C4X-171847                                |
| Synonyms:          | N/A                                                           | Lot Number:       | 1121-RF-0027                              |
| CAS Number:        | 872040-99-8                                                   | Expiry Date:      | Nov 24, 2027                              |
| Molecular Formula: | C <sub>21</sub> H <sub>24</sub> N <sub>2</sub> O <sub>2</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 336.43                                                        |                   |                                           |



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | HPLC              | 92.143%         |
| Loss On Drying | TGA               | 0.0985%         |
| Assay          |                   | 92.1%           |

## 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: Nov 25, 2024

Date: Nov 25, 2024

Date: Nov 25, 2024

