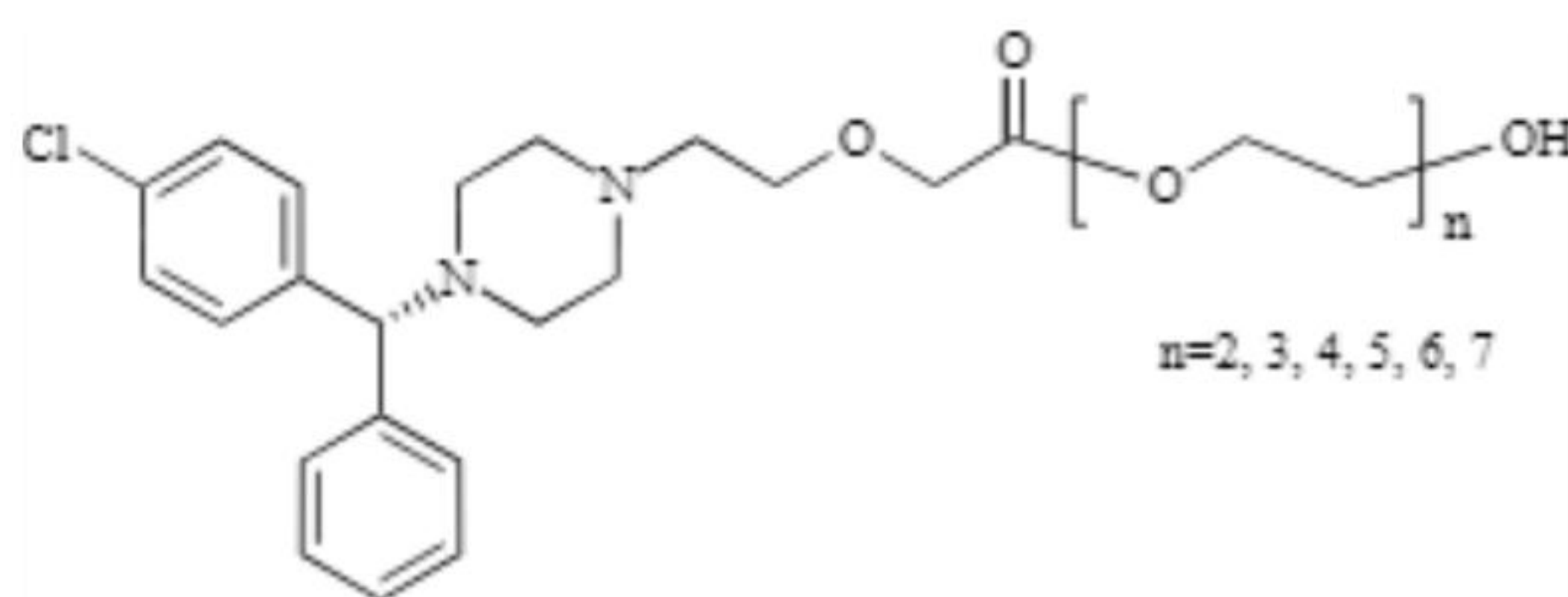


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                                                                |                          |                                           |
|---------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | (R)-Cetirizine Polyethylene Glycol Ester                                                                       | <b>Catalogue Number:</b> | C4X-108356                                |
| <b>Synonyms:</b>          | N/A                                                                                                            | <b>Lot Number:</b>       | 0626-RG-0004                              |
| <b>CAS Number:</b>        | N/A                                                                                                            | <b>Expiry Date:</b>      | Aug 06, 2026                              |
| <b>Molecular Formula:</b> | C <sub>21</sub> H <sub>25</sub> ClN <sub>2</sub> O <sub>3</sub> [C <sub>2</sub> H <sub>4</sub> O] <sub>n</sub> | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 388.90 [44.05] <sub>n</sub>                                                                                    |                          |                                           |

Chemical Structure:



| Test Items        | Method            | Results       |
|-------------------|-------------------|---------------|
| Appearance        | Visual inspection | Yellow Liquid |
| Identification    | LCMS&IR&HNMR      | Confirmed     |
| Purity            | HPLC              | 94.9596%      |
| Water Content     | Karl Fischer      | 0.80%         |
| Residual Solvents | NMR               | 0.3% acetone  |
| Assay             |                   | 93.9%         |

## Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) \* Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

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Reviewed by:

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Approved by General Manager:

*David*

Date: Jun 27, 2025

Date: Jun 30, 2025

Date: Jun 30, 2025

