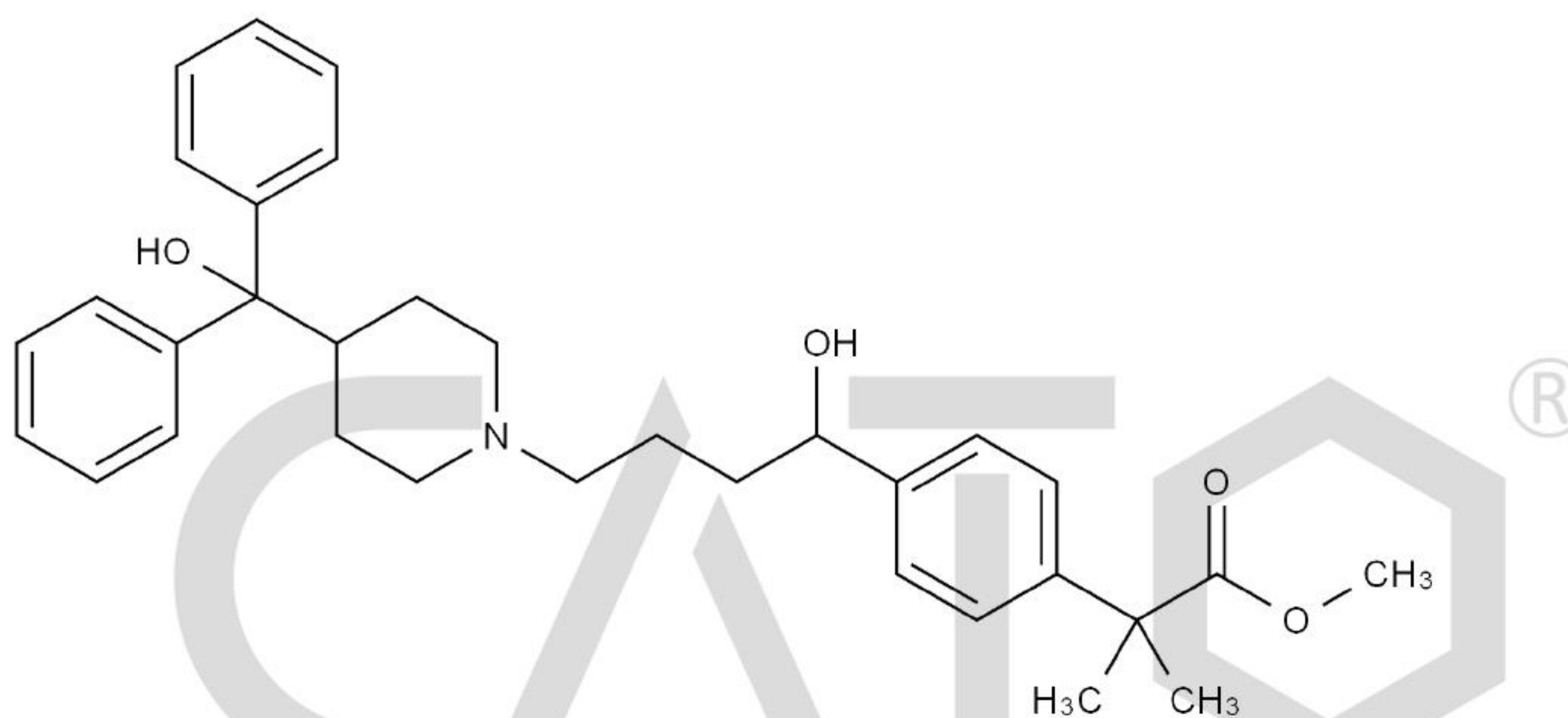


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                 |                            |                                           |
|---------------------------|-------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Fexofenadine EP Impurity D                      | <b>Catalogue Number:</b>   | C4X-17944                                 |
| <b>Synonyms:</b>          | N/A                                             | <b>Lot Number:</b>         | 0327-RH-0028                              |
| <b>CAS Number:</b>        | 154825-96-4                                     | <b>Expiry Date:</b>        | Mar 31, 2030                              |
| <b>Molecular Formula:</b> | C <sub>33</sub> H <sub>41</sub> NO <sub>4</sub> | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 515.68                                          | <b>Shipping Condition:</b> | Shipping at Room Temperature              |

Chemical Structure:



| Test Items     | Method               | Results                  |
|----------------|----------------------|--------------------------|
| Appearance     | Visual inspection    | White to Off-White Solid |
| Identification | LCMS&IR&UV&CNMR&HNMR | Confirmed                |
| Purity         | HPLC                 | 97.960%                  |
| Loss on Drying | TGA                  | 1.6171%                  |
| Assay          |                      | 96.4%                    |

## Comment:

The calculation of the mass balance 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:

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Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Apr 01, 2026

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Date: Apr 01, 2026



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