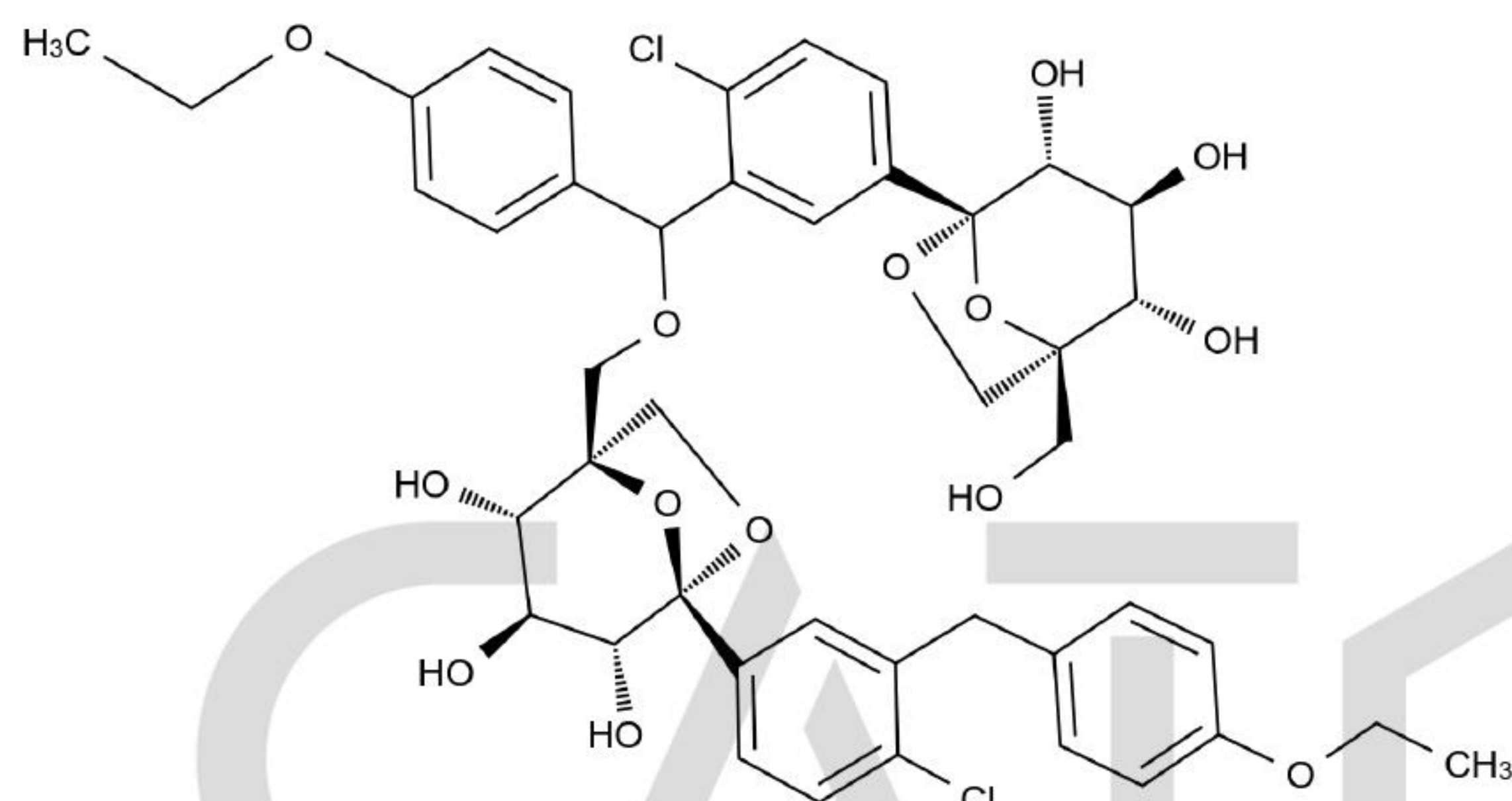


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                 |                          |                                           |
|---------------------------|-----------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Ertugliflozin impurity 39                                       | <b>Catalogue Number:</b> | C4X-301139                                |
| <b>Synonyms:</b>          | N/A                                                             | <b>Lot Number:</b>       | 0313-RG-0005                              |
| <b>CAS Number:</b>        | N/A                                                             | <b>Expiry Date:</b>      | Mar 17, 2028                              |
| <b>Molecular Formula:</b> | C <sub>44</sub> H <sub>48</sub> Cl <sub>2</sub> O <sub>14</sub> | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 871.75                                                          |                          |                                           |

### Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | HPLC              | 93.180%         |
| Loss On Drying | TGA               | 2.1520%         |
| Assay          |                   | 91.2%           |

### 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: Mar 18, 2025

Date: Mar 18, 2025

Date: Mar 18, 2025

