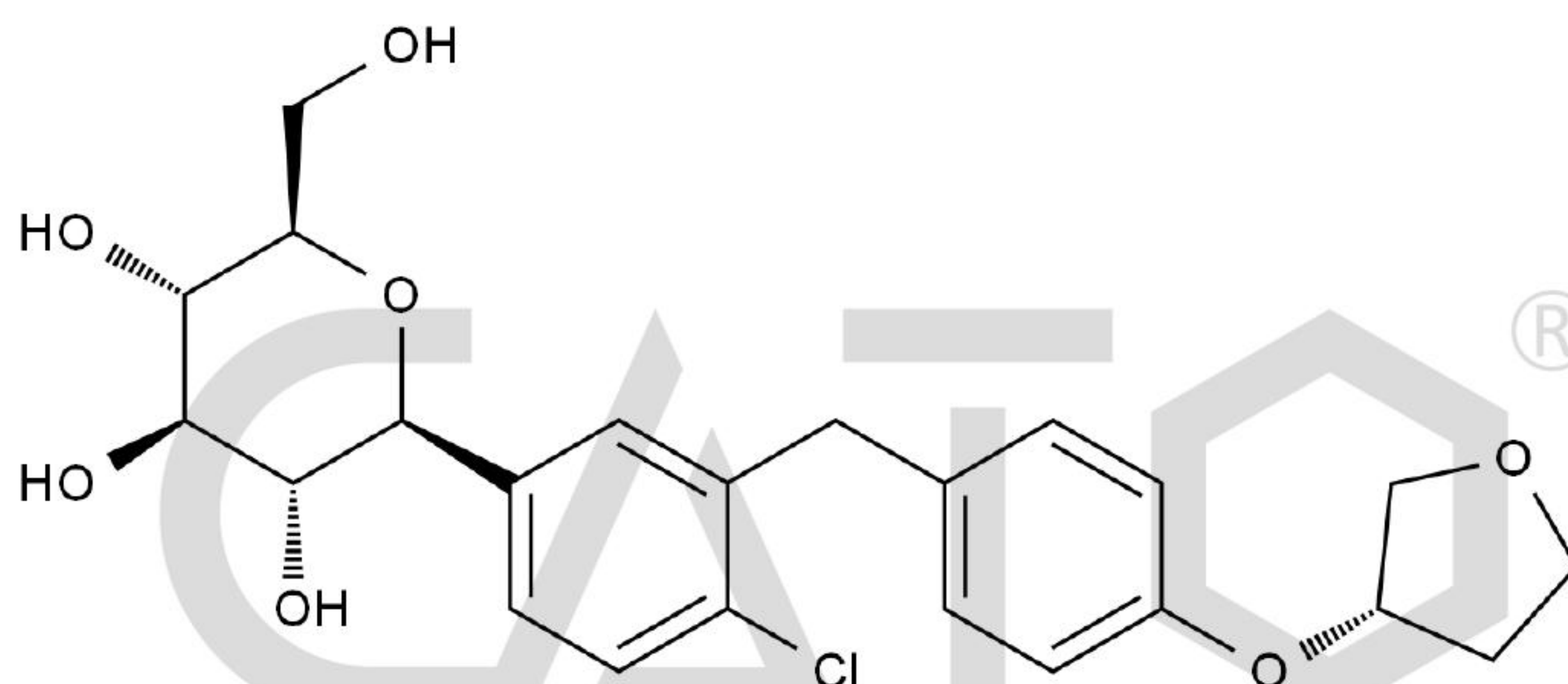


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                  |                     |                                           |
|--------------------|--------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Empagliflozin                                    | Catalogue Number:   | C4X-1065                                  |
| Synonyms:          | N/A                                              | Lot Number:         | 0618-RH-0036                              |
| CAS Number:        | 864070-44-0                                      | Expiry Date:        | Jun 22, 2030                              |
| Molecular Formula: | C <sub>23</sub> H <sub>27</sub> ClO <sub>7</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 450.91                                           | Shipping Condition: | Shipping at Room Temperature              |
| Solubility:        | Acetonitrile                                     | Warning:            |                                           |

Chemical Structure:



| Test Items          | Method               | Results     |
|---------------------|----------------------|-------------|
| Appearance          | Visual inspection    | White Solid |
| Identification      | LCMS&IR&UV&CNMR&HNMR | Confirmed   |
| Purity              | HPLC                 | 100.000%    |
| Residue on Ignition | TGA                  | 0.3934%     |
| Loss on Drying      | TGA                  | 0.1204%     |
| Assay               |                      | 99.5%       |

## Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) \* Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Jul 21, 2026

Date: Jul 21, 2026

Date: Jul 21, 2026



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