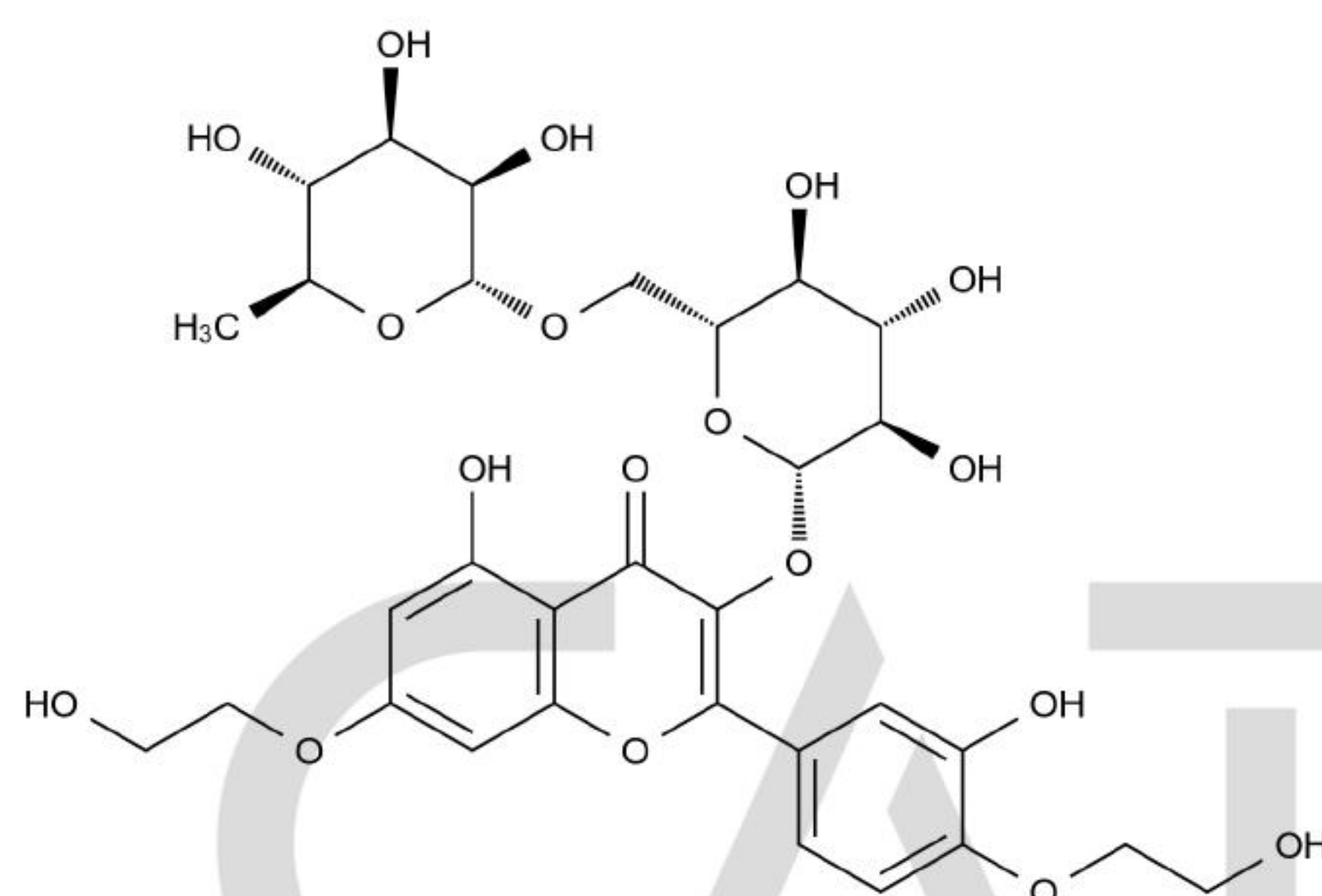


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                 |                          |                                           |
|---------------------------|-------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Troxeutin Impurity 2                            | <b>Catalogue Number:</b> | C4X-28002                                 |
| <b>Synonyms:</b>          | N/A                                             | <b>Lot Number:</b>       | 0511-RF-0070                              |
| <b>CAS Number:</b>        | 13190-91-5                                      | <b>Expiry Date:</b>      | May 14, 2027                              |
| <b>Molecular Formula:</b> | C <sub>31</sub> H <sub>38</sub> O <sub>18</sub> | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 698.62                                          |                          |                                           |

## Chemical Structure:



| Test Items     | Method            | Results      |
|----------------|-------------------|--------------|
| Appearance     | Visual inspection | Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed    |
| Purity         | HPLC              | 98.531%      |
| Loss On Drying | TGA               | 1.9115%      |
| Assay          |                   | 96.6%        |

## 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*

Aproved by General Manager:

*David*

Date: May 15, 2024

Date: May 15, 2024

Date: May 15, 2024

