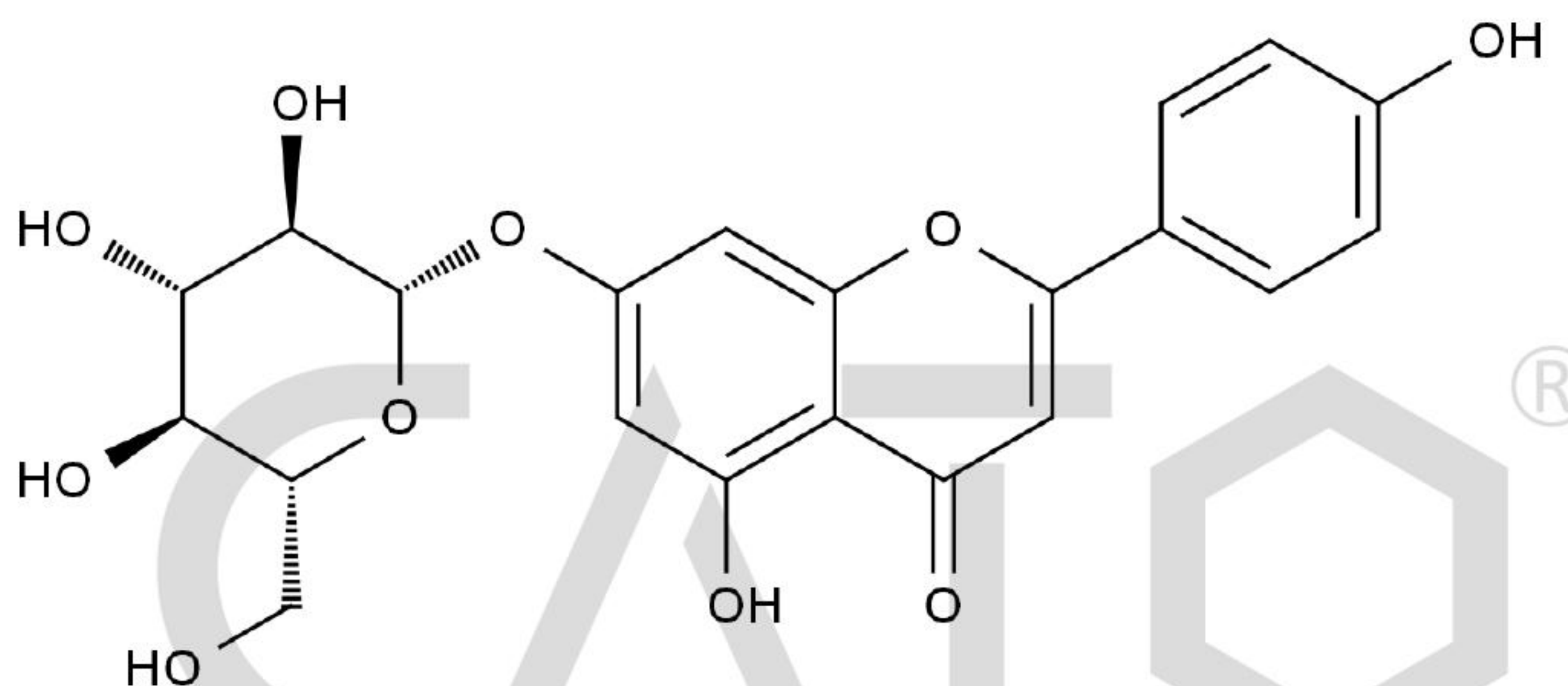


Certificate of Analysis

Reference Material & Standard

Product Name:	Apigenin 7-Glucoside	Catalogue Number:	CCPE900762
Synonyms:	N/A	Lot Number:	0910-RG-0029
CAS Number:	578-74-5	Expiry Date:	Sep 08, 2029
Molecular Formula:	C ₂₁ H ₂₀ O ₁₀	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	432.38		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.822%
Water Content	Karl Fischer	3.8350%
Assay		96.0%
Uncertainty		±0.4%

Comment:

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

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity HPLC (\%)} / 100\%$$

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.
- The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Sep 10, 2025

Date: Sep 10, 2025

Date: Sep 10, 2025

