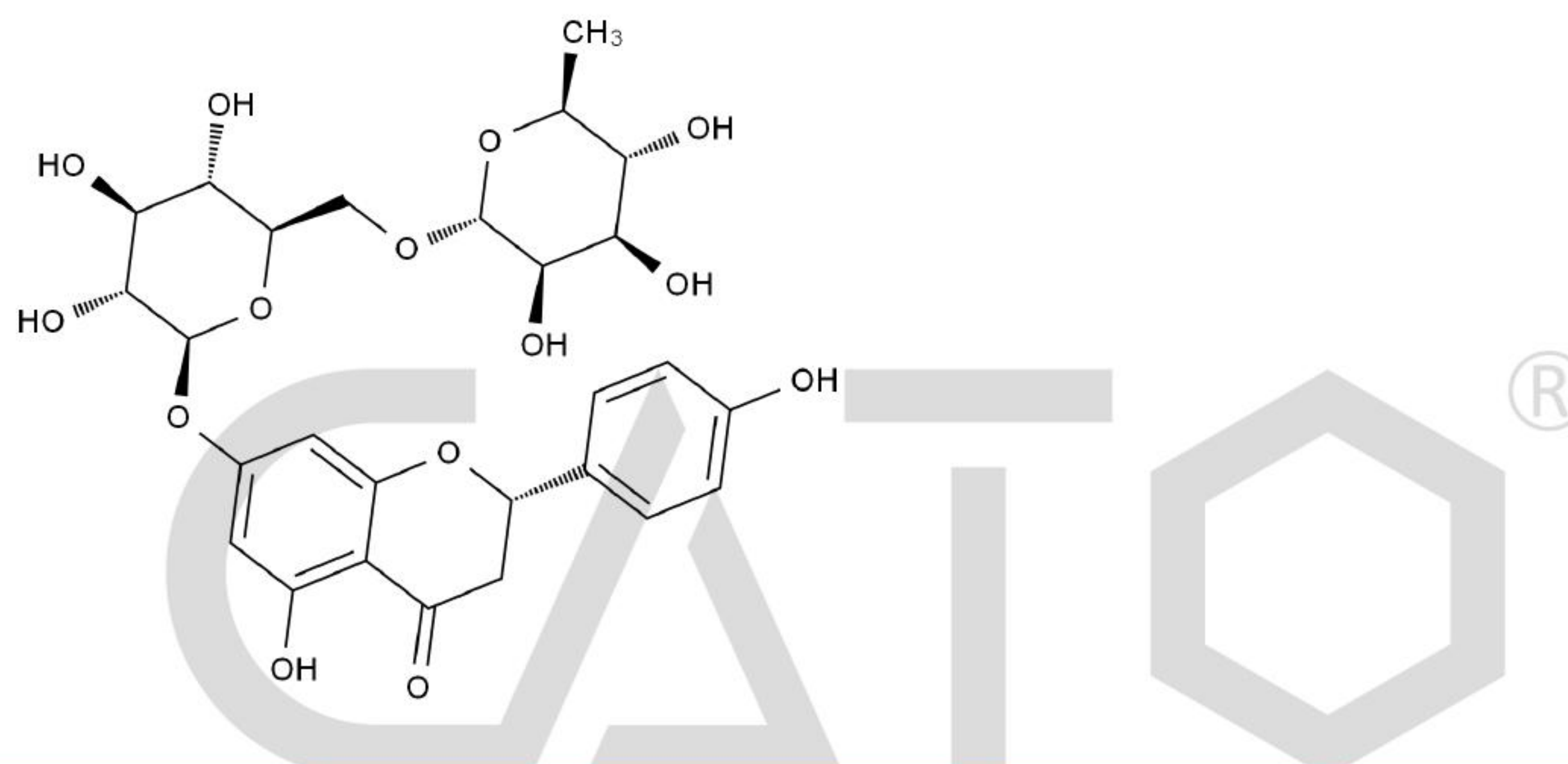


Certificate of Analysis

Reference Material & Standard

Product Name:	Narirutin	Catalogue Number:	CCPE900301
Synonyms:	N/A	Lot Number:	1212-RF-0087
CAS Number:	14259-46-2	Expiry Date:	Dec 15, 2028
Molecular Formula:	C ₂₇ H ₃₂ O ₁₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	580.53	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.530%
Loss On Drying	TGA	2.1614%
Assay		97.4%
Uncertainty		±0.3%

Comment:

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

$$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$$

Loss On Drying 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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 29, 2025

Date: Oct 30, 2025

Date: Oct 30, 2025

