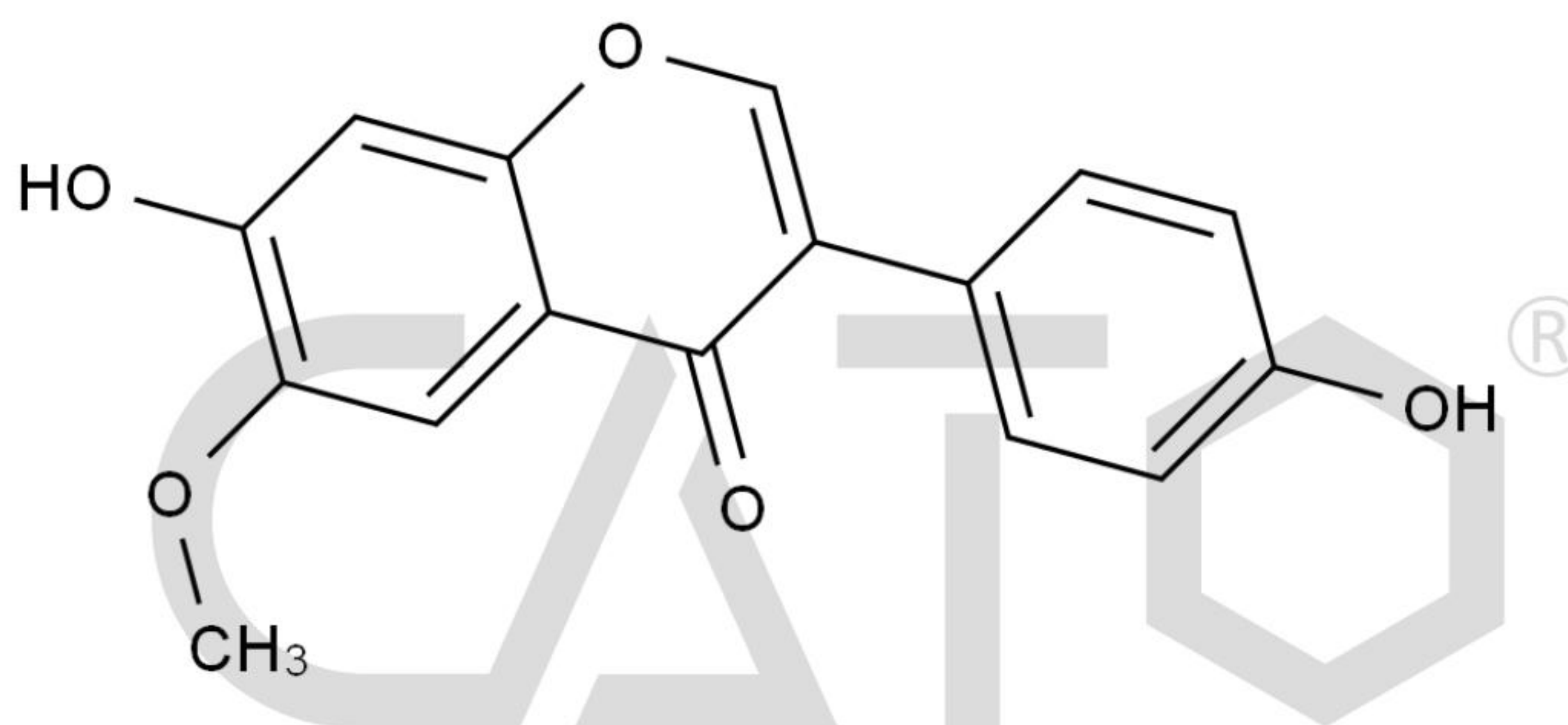


Certificate of Analysis

Reference Material & Standard

Product Name:	Glycitein	Catalogue Number:	CCPE900151
Synonyms:	N/A	Lot Number:	0507-RH-0044
CAS Number:	40957-83-3	Expiry Date:	May 11, 2030
Molecular Formula:	C ₁₆ H ₁₂ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	284.26	Shipping Condition:	Shipping with Ice Packs
Solubility:	DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.257%
Residue on Ignition	TGA	0.6725%
Loss on Drying	TGA	0.2510%
Assay		98.3%
Uncertainty		±0.3%

Comment:

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

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are 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: Jun 26, 2026

Date: Jun 26, 2026

Date: Jun 26, 2026

