

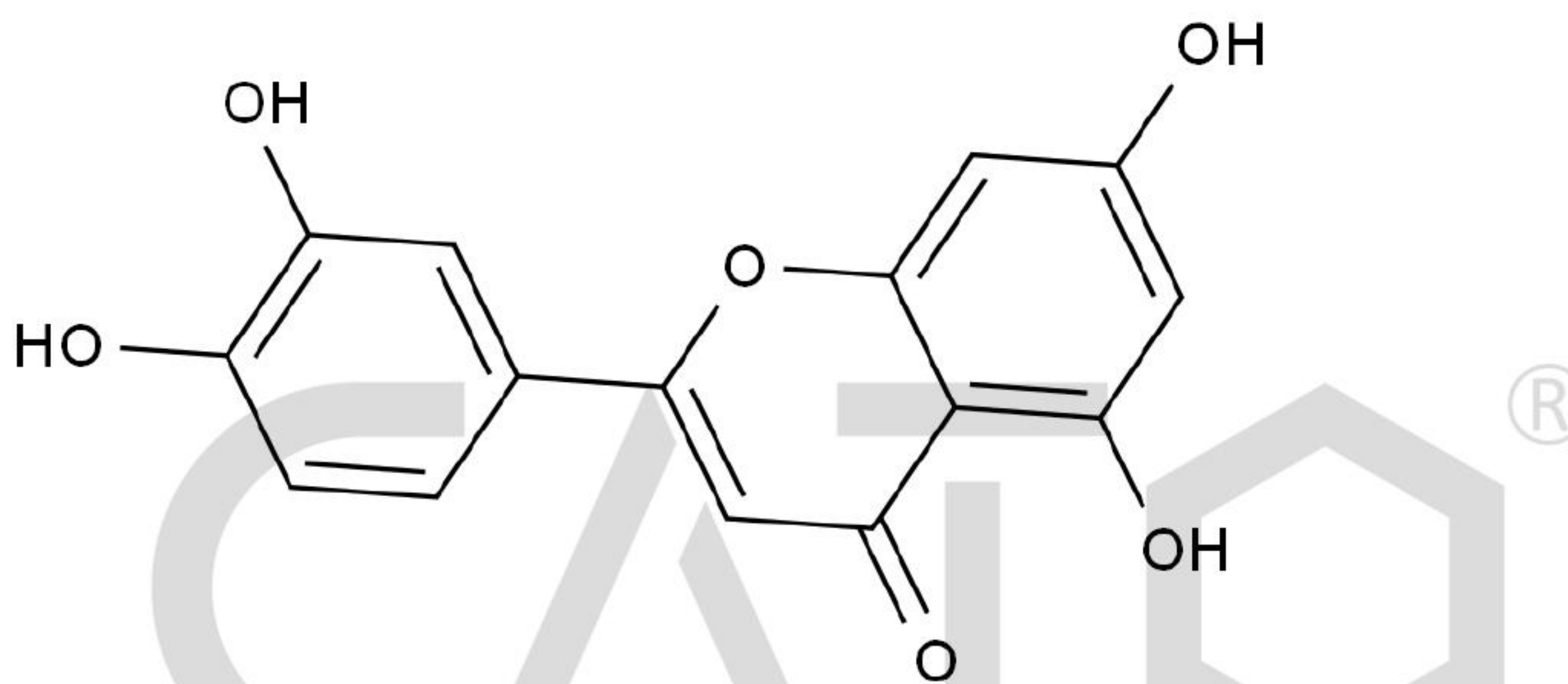
Certificate of Analysis

Reference Material & Standard

Product Name:	Luteolin	Catalogue Number:	CCPE900074
Synonyms:	N/A	Lot Number:	0115-RA-0012
CAS Number:	491-70-3	Expiry Date:	Dec 15, 2027
Molecular Formula:	C ₁₅ H ₁₀ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	286.24	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	93.8%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. 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: Dec 16, 2024

Date: Dec 16, 2024

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