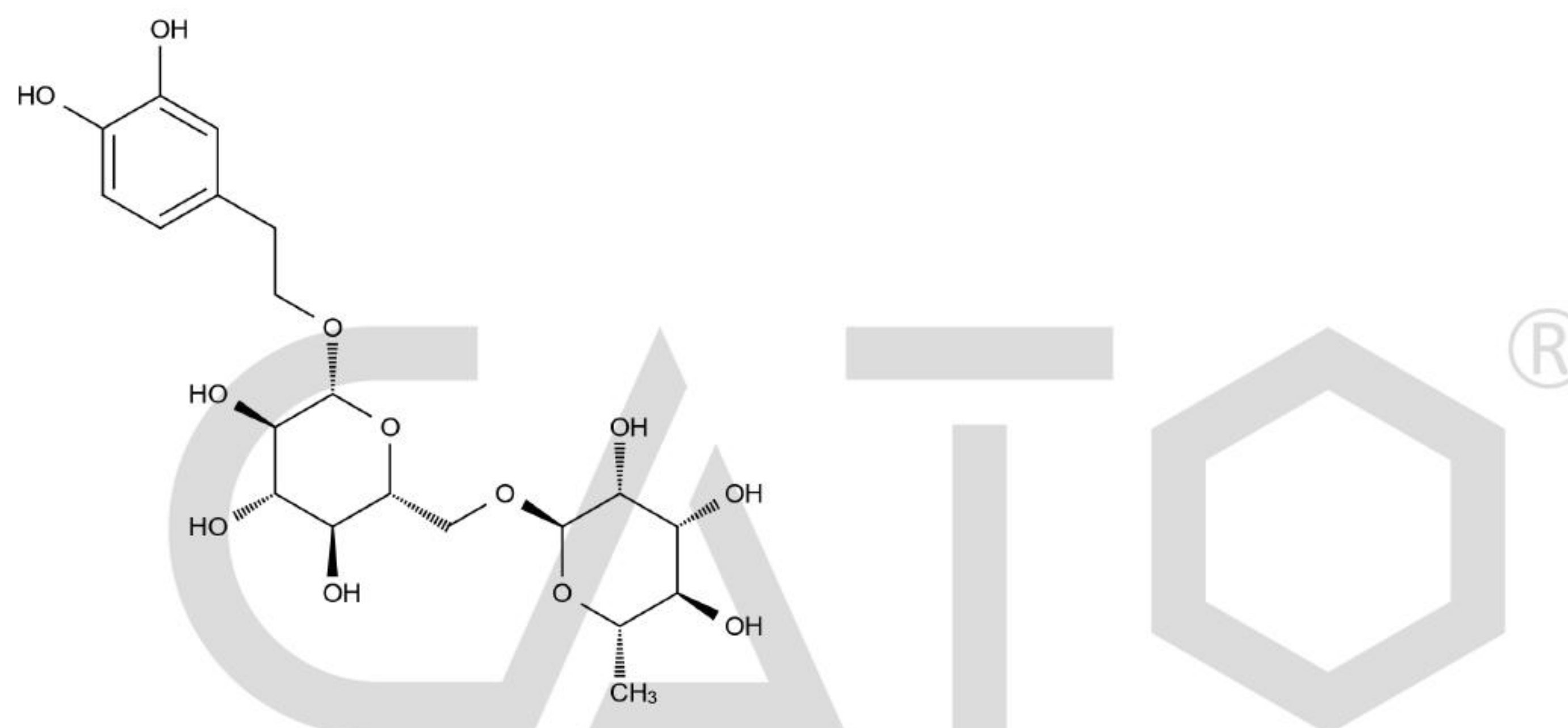


Certificate of Analysis

Reference Material & Standard

Product Name:	Forsythoside E	Catalogue Number:	CCPE900974
Synonyms:	N/A	Lot Number:	0804-RH-0068
CAS Number:	93675-88-8	Expiry Date:	Aug 05, 2029
Molecular Formula:	C ₂₀ H ₃₀ O ₁₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	462.45	Shipping Condition:	Shipping with Ice Packs
Solubility:	Methanol		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow to White to off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.873%
Loss on Drying	TGA	3.0408%
Assay		96.8%
Uncertainty		±0.4%

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: Aug 06, 2026

Date: Aug 07, 2026

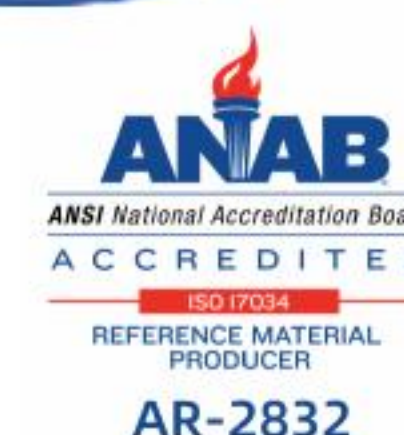
Date: Aug 07, 2026

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