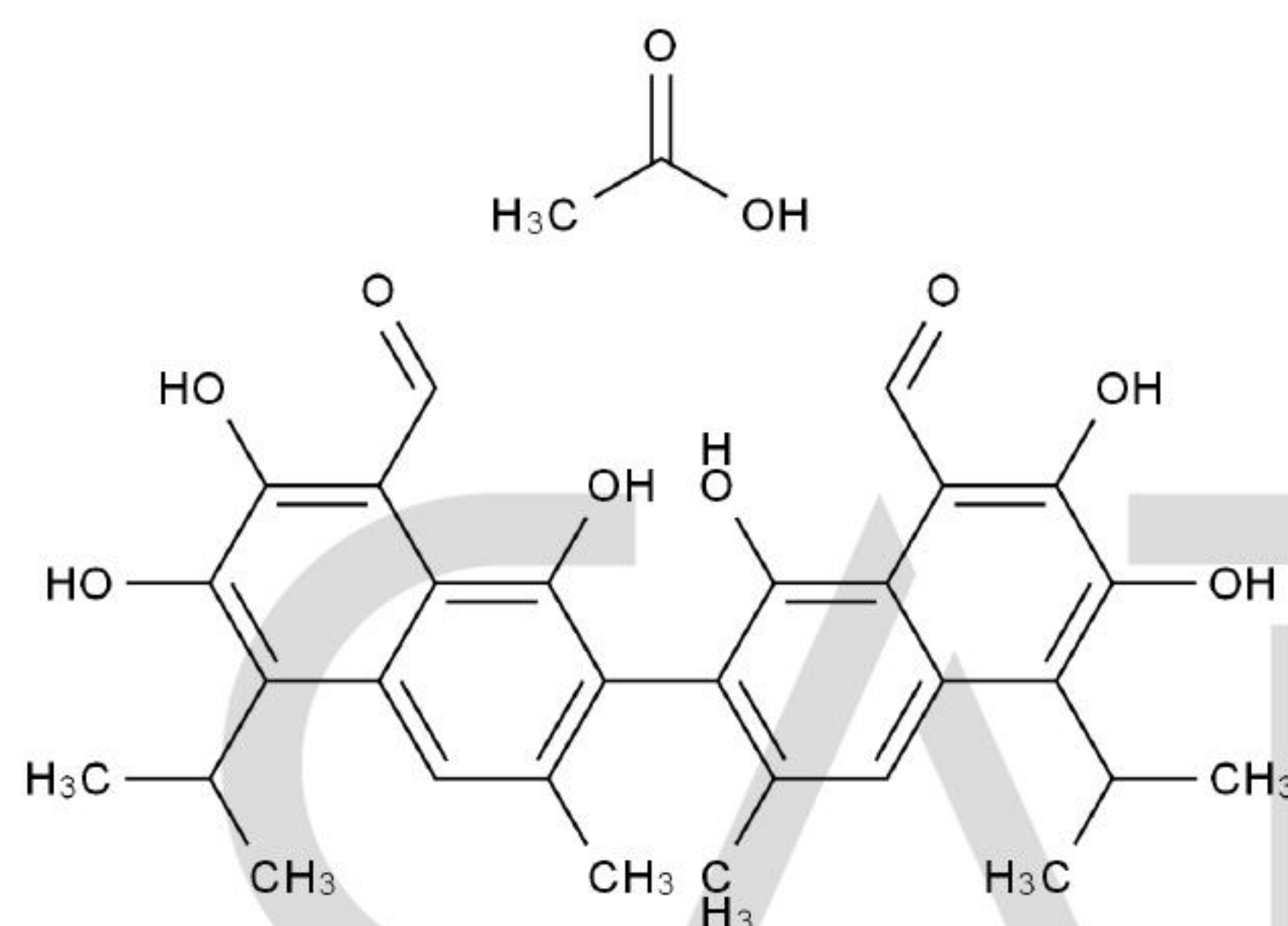


Certificate of Analysis

Reference Material & Standard

Product Name:	Gossypol-acetic acid	Catalogue Number:	CCPE900777
Synonyms:	N/A	Lot Number:	0719-RH-0008
CAS Number:	12542-36-8	Expiry Date:	Jul 28, 2030
Molecular Formula:	$C_{30}H_{30}O_8 \cdot C_2H_4O_2$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	518.55 60.05	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.5%
Assay	qNMR	88.3%
Uncertainty		±2.1%

Comment:

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: Jul 29, 2026

Date: Jul 29, 2026

Date: Jul 29, 2026



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