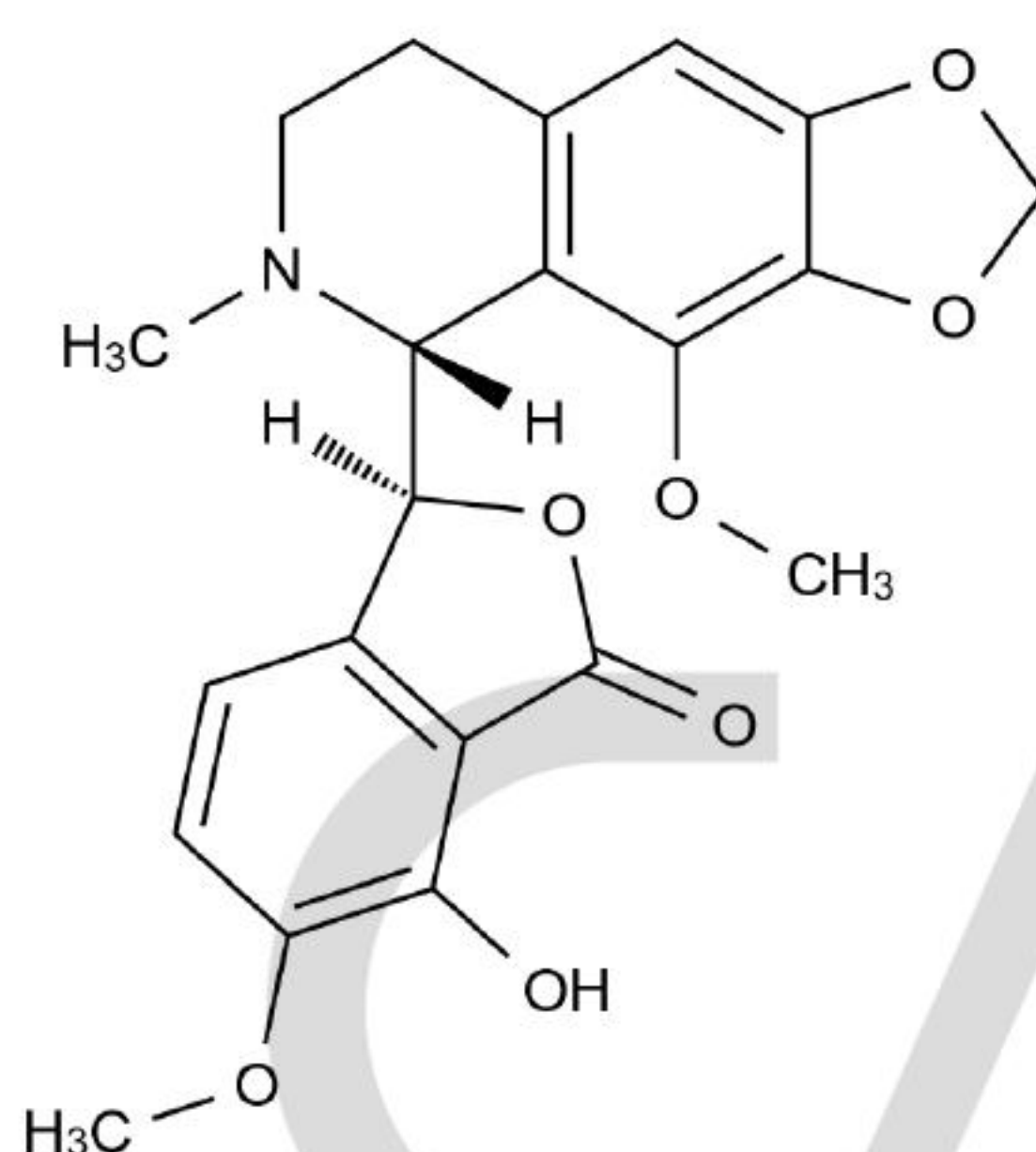


Certificate of Analysis

Reference Material & Standard

Product Name:	7-O-Demethyl a-Narcotine	Catalogue Number:	C3D-25837
Synonyms:	N/A	Lot Number:	0912-RF-0088
CAS Number:	68353-55-9	Expiry Date:	Aug 29, 2028
Molecular Formula:	C ₂₁ H ₂₁ NO ₇	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	399.39		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White to Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.82%
Loss On Drying	TGA	0.635%
Assay		97.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Sep 14, 2024

Date: Sep 14, 2024

Date: Sep 14, 2024

