

Certificate of Analysis

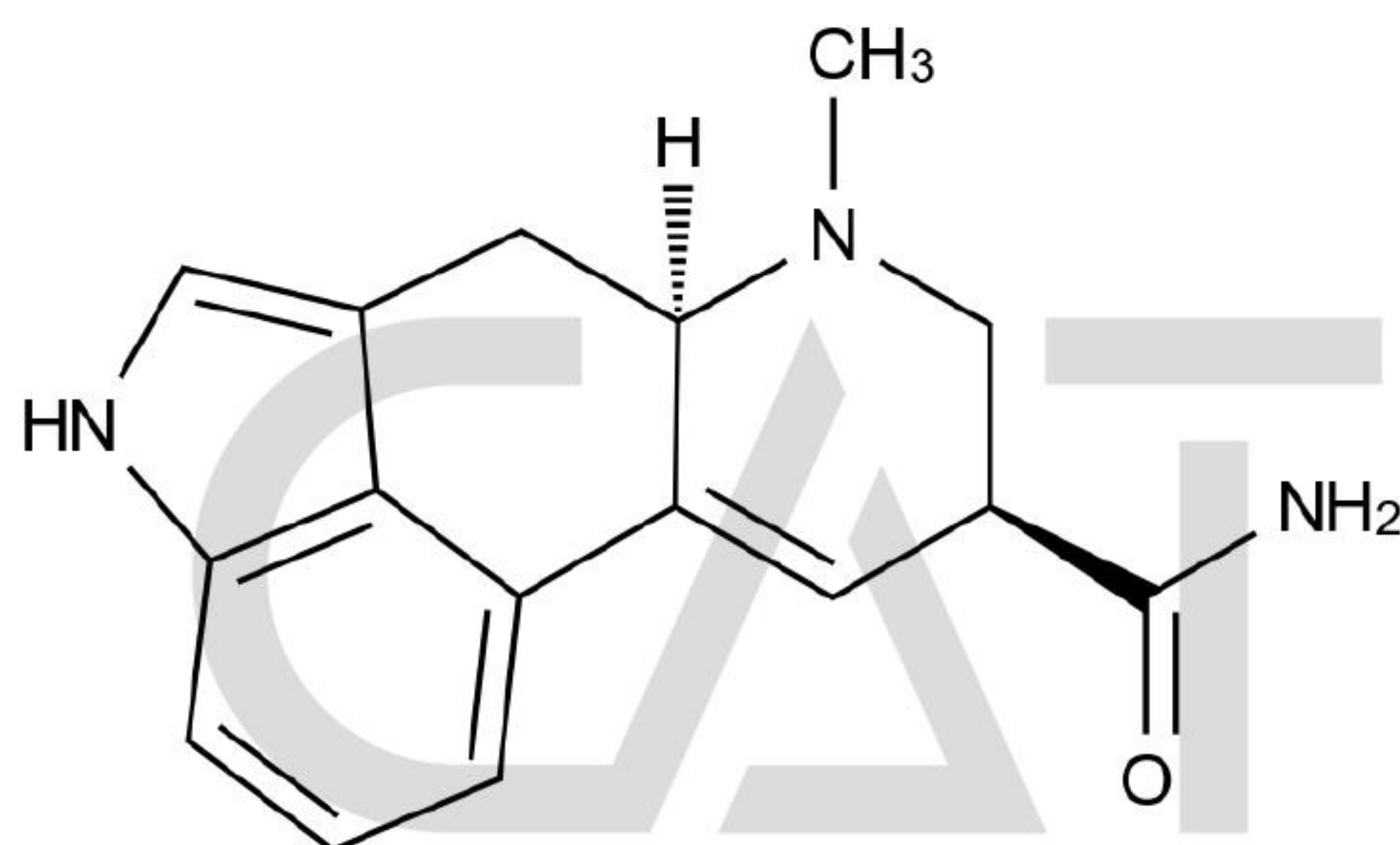
Reference Material & Standard

Product Name:	Ergometrine EP Impurity E	Catalogue Number:	C4X-19488
Synonyms:	N/A	Lot Number:	0909-RG-0091
CAS Number:	2889-26-1	Expiry Date:	Sep 09, 2029
Molecular Formula:	C ₁₆ H ₁₇ N ₃ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	267.33	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.1050%
Loss on Drying	TGA	4.410%
Specific Rotation		[α] _D 25.0(c=0.95,C ₅ H ₅ N): +330.11°
Assay		93.8%

Comment:

The calculation of the mass balance 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 11, 2025

Date: Sep 11, 2025

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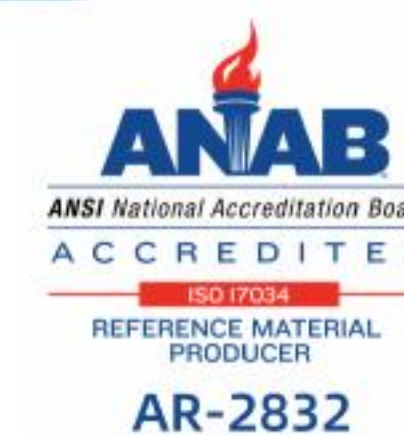
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Page 1 of 6



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