

Certificate of Analysis

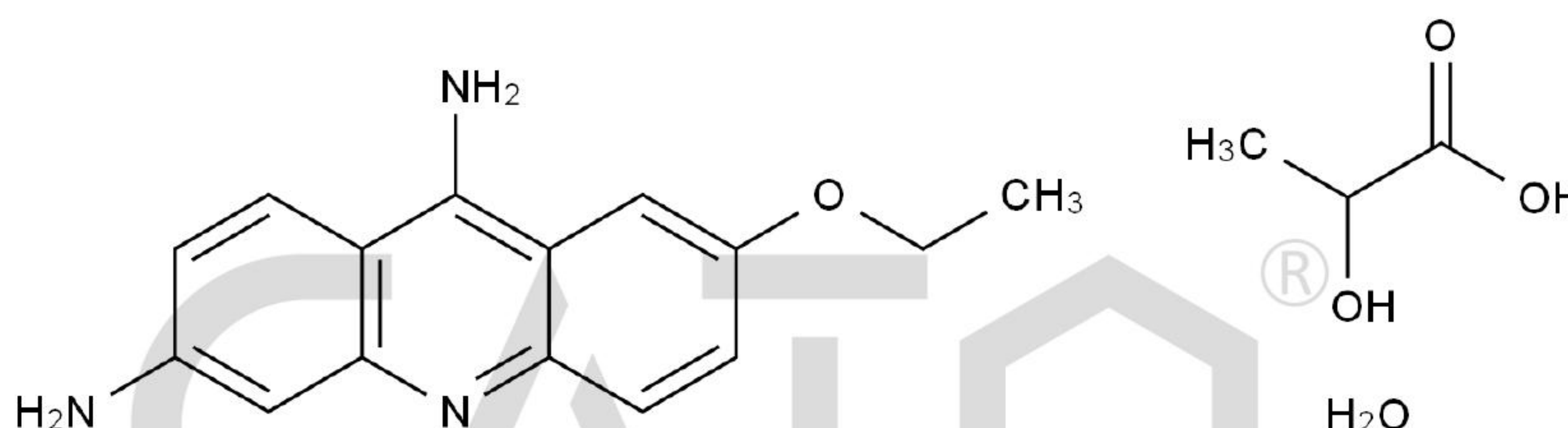
Reference Material & Standard

Product Name:	Ethacridine Lactate Monohydrate	Catalogue Number:	CCAD302571
Synonyms:	N/A	Lot Number:	1202-RD-0094
CAS Number:	6402-23-9	Expiry Date:	Dec 05, 2026
Molecular Formula:	C ₁₅ H ₁₅ N ₃ O C ₃ H ₆ O ₃ H ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	253.30 90.08 18.02	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.410%
Loss on Drying	TGA	5.1369%
Assay		94.3%
Uncertainty		±2.0%

Comment:

- The content of 94.3% is dry matter.
- 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:

Debia

Reviewed by:

Xenia

Approved by General Manager:

David

Date: Dec 06, 2022

Date: Dec 07, 2022

Date: Dec 07, 2022



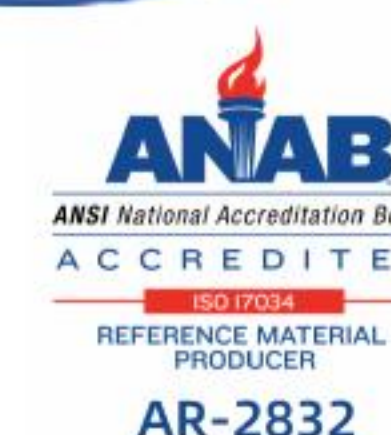
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