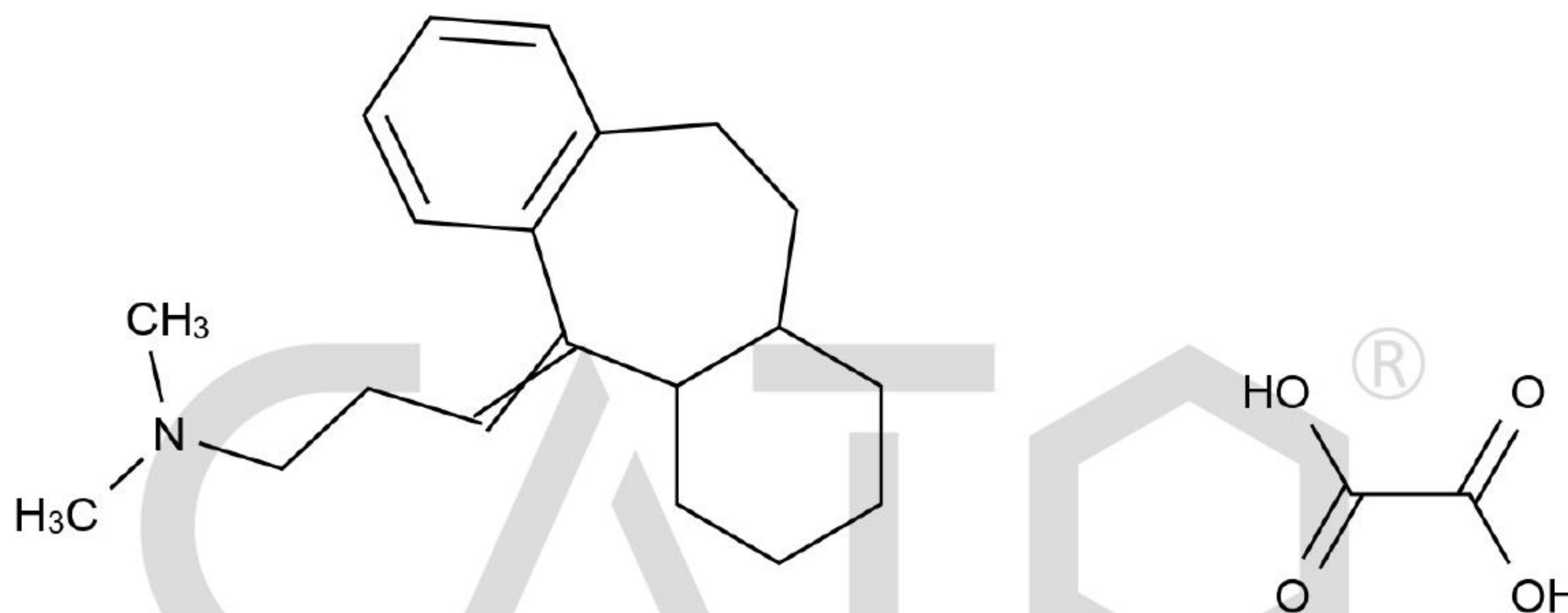


Certificate of Analysis

Reference Material & Standard

Product Name:	Amitriptyline EP Impurity E	Catalogue Number:	CP130906
Synonyms:	N/A	Lot Number:	1226-RE-0051
CAS Number:	26360-49-6(free base)	Expiry Date:	Jan 10, 2027
Molecular Formula:	C ₂₀ H ₂₉ N C ₂ H ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	283.45 90.03	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.823%
Loss On Drying	TGA	0.6404%
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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 17, 2024

Date: Jan 18, 2024

Date: Jan 18, 2024

