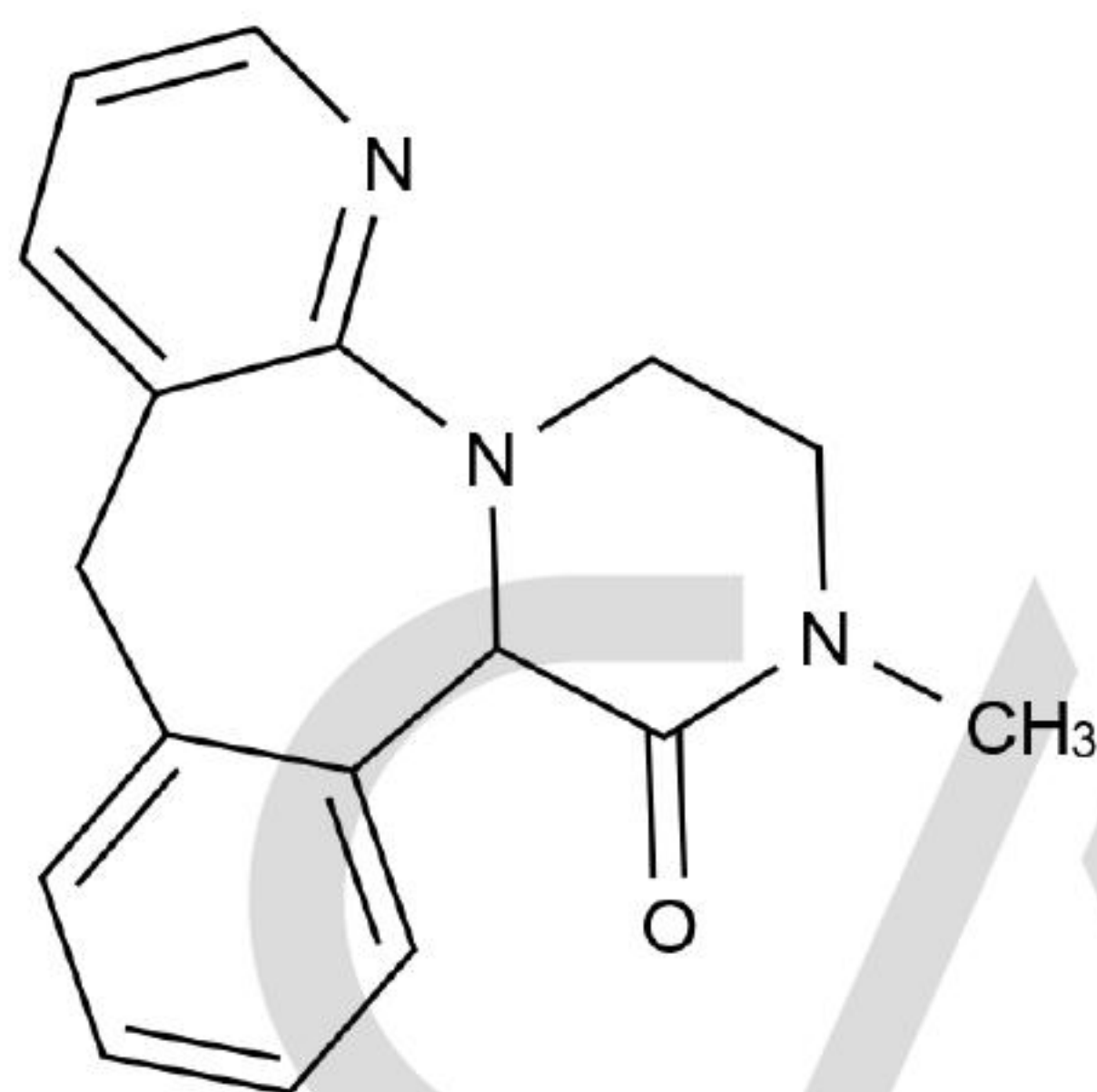


Certificate of Analysis

Reference Material & Standard

Product Name:	Mirtazapine EP Impurity C	Catalogue Number:	C4X-15115
Synonyms:	N/A	Lot Number:	0106-RG-0142
CAS Number:	191546-96-0	Expiry Date:	Aug 08, 2029
Molecular Formula:	C ₁₇ H ₁₇ N ₃ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	279.34	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	97.163%
Residue on Ignition	TGA	1.0204%
Loss on Drying	TGA	0.4922%
Assay		95.7%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 02, 2026

Date: Sep 02, 2026

Date: Sep 02, 2026



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