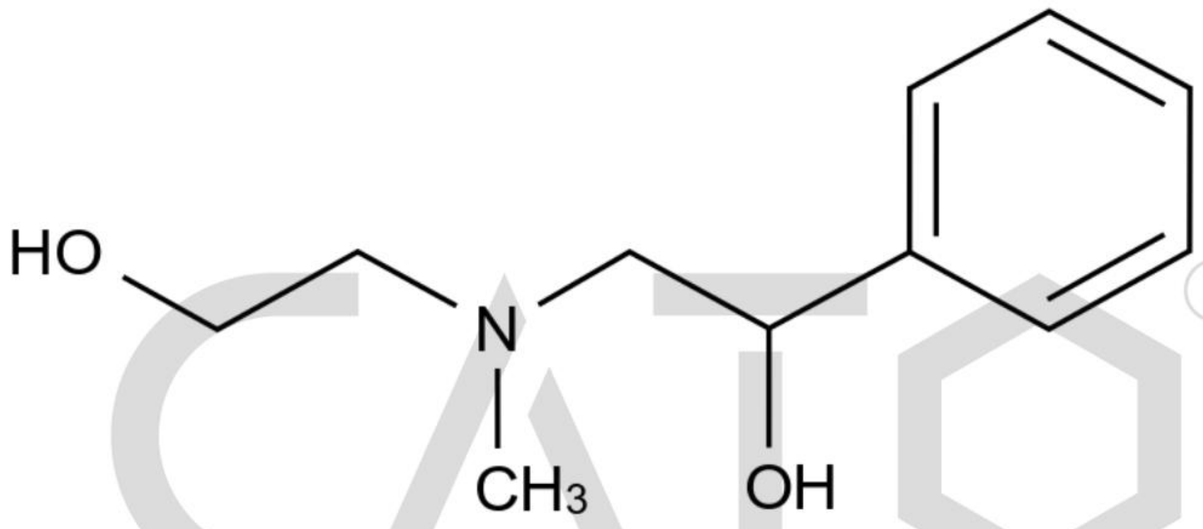
Certificate of Analysis

Reference Material & Standard

Product Name:	Mirtazapine Impurity 19	**Catalogue Number:**	C4X-151119
Synonyms:	N/A	**Lot Number:**	0820-RH-0051
CAS Number:	23175-16-8	**Expiry Date:**	Aug 23, 2030
Molecular Formula:	$C_{11}H_{17}NO_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	195.26	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.830%
Loss on Drying	TGA	1.2766%
Assay		98.6%

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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: Alice Date: Aug 24, 2026

Reviewed by: Koi Date: Aug 25, 2026

Approved by General Manager: David Date: Aug 25, 2026

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