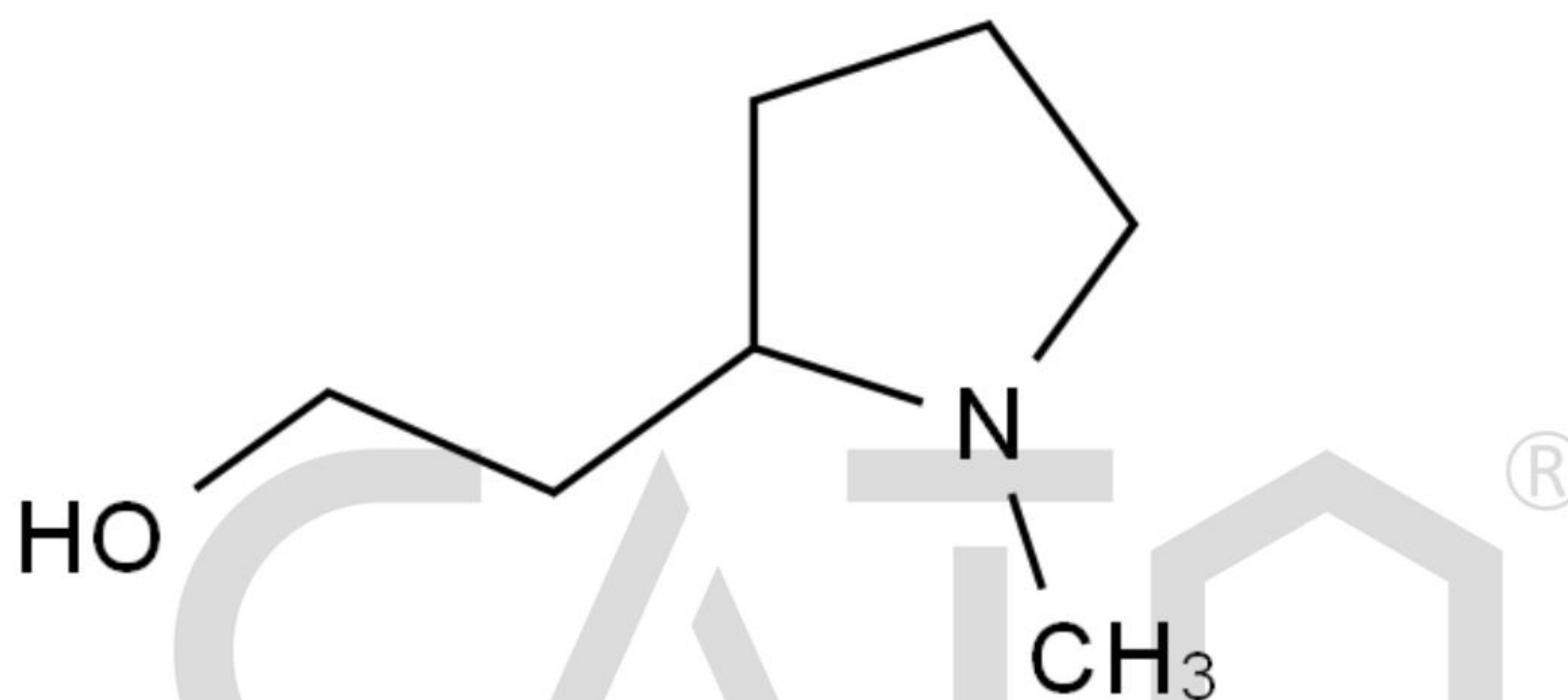


Certificate of Analysis

Reference Material & Standard

Product Name:	Clemastine Impurity 4	Catalogue Number:	C4X-18374
Synonyms:	N/A	Lot Number:	1107-RA-0003
CAS Number:	67004-64-2	Expiry Date:	May 11, 2028
Molecular Formula:	C ₇ H ₁₅ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	129.20		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	98.362%
Water Content	Karl Fischer	0.4210%
Assay		97.9%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 12, 2025

Date: May 12, 2025

Date: May 12, 2025

