

Certificate of Analysis

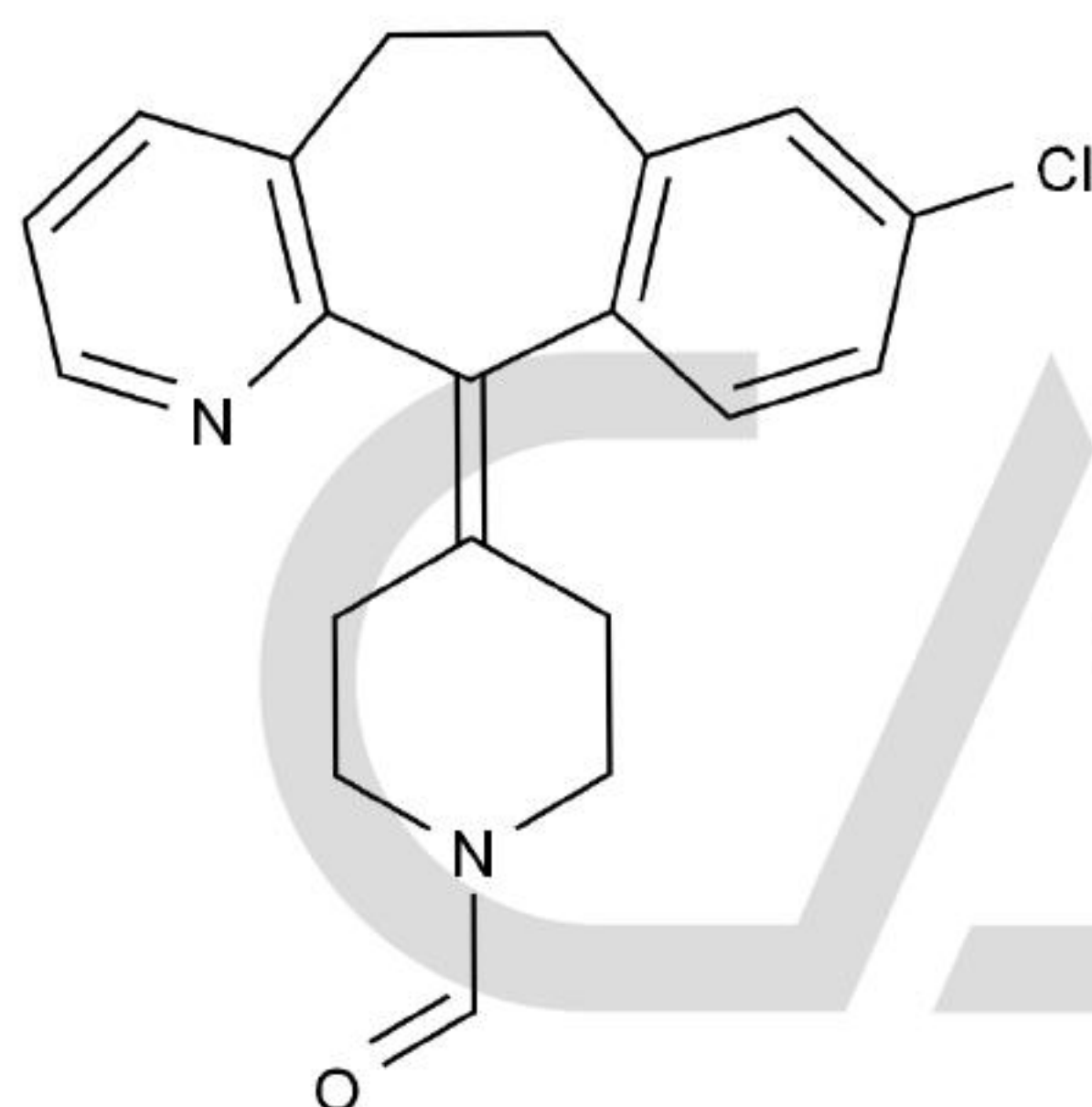
Reference Material & Standard

Product Name:	Desloratadine USP Related Compound F	Catalogue Number:	C4X-14308
Synonyms:	N/A	Lot Number:	0521-RH-0008
CAS Number:	117810-61-4	Expiry Date:	Feb 10, 2029
Molecular Formula:	C ₂₀ H ₁₉ ClN ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	338.83	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.457%
Water Content	Karl Fischer	1.32%
Residual Solvents	NMR	0.28% acetic acid
Assay		96.9%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: May 25, 2026

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Page 1 of 6



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