

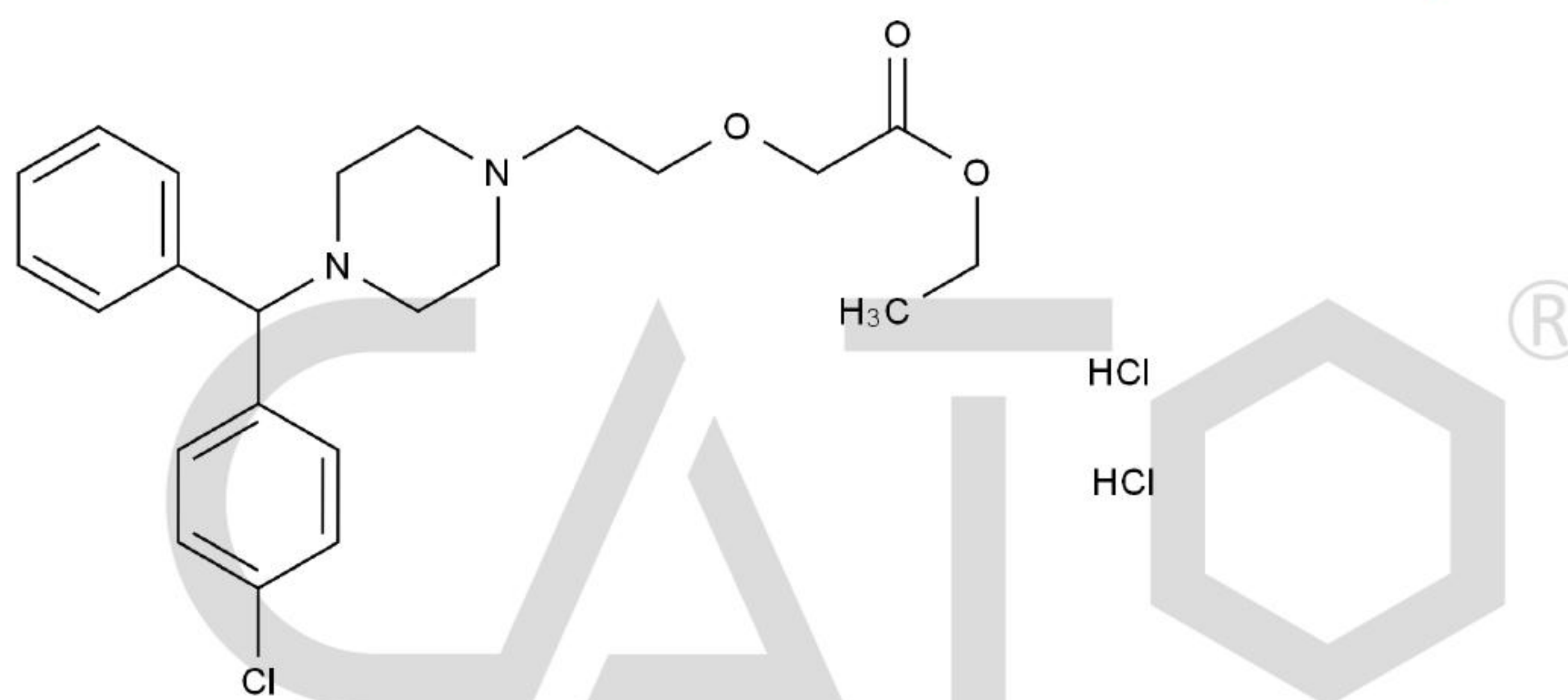
Certificate of Analysis

Reference Material & Standard

Product Name:	Cetirizine USP Related Compound A DiHCl	Catalogue Number:	C4X-108321
Synonyms:	N/A	Lot Number:	0509-RG-0118
CAS Number:	2732277-01-7	Expiry Date:	May 05, 2028
Molecular Formula:	C ₂₃ H ₂₉ ClN ₂ O ₃ 2*HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	416.94 2*36.46	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.725%
Water Content	Karl Fischer	2.34%
Residual Solvents	NMR	Not detected in NMR
Assay		96.4%

Comment:

The calculation of the 100% 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:

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Reviewed by:

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Approved by General Manager:

David

Date: May 13, 2025

Date: May 13, 2025

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