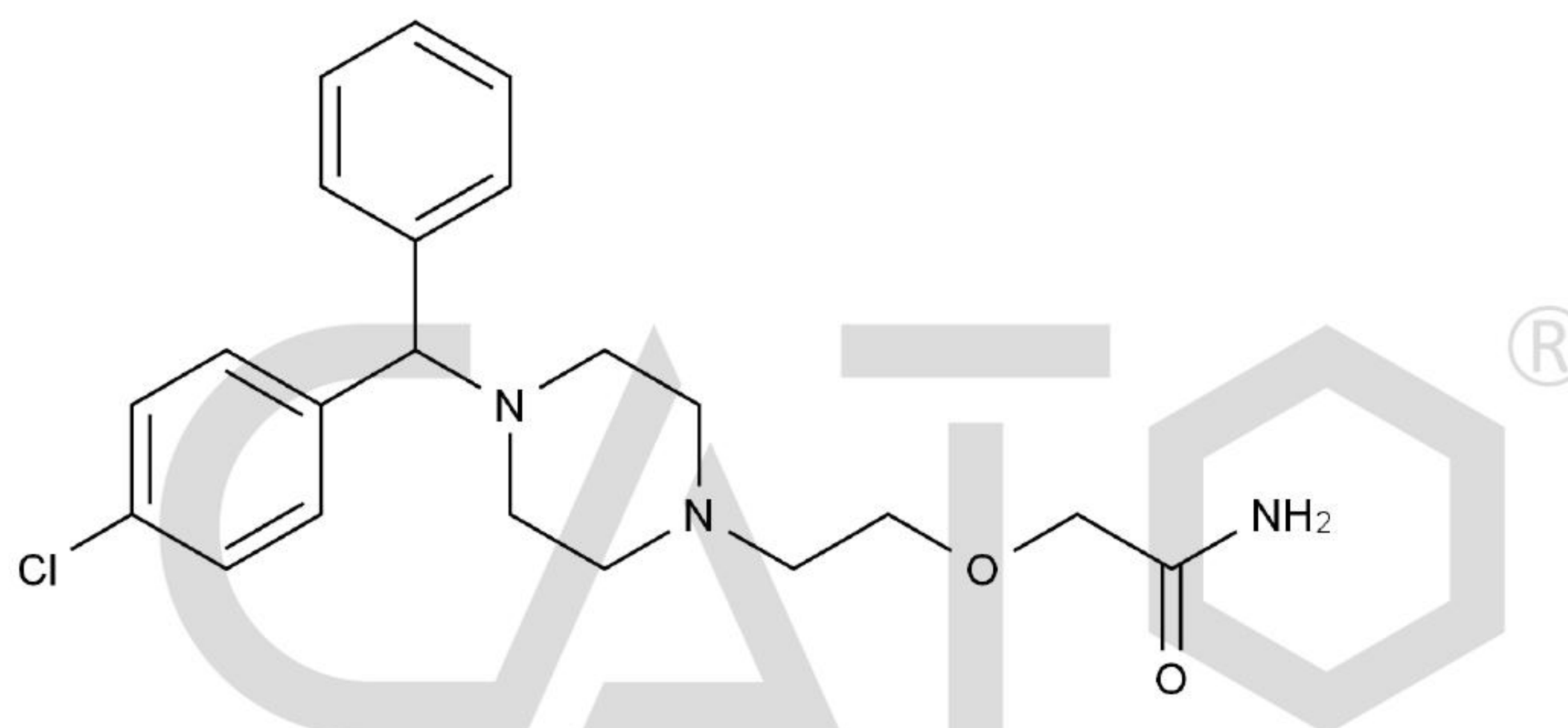


Certificate of Analysis

Reference Material & Standard

Product Name:	Cetirizine USP Related Compound C	Catalogue Number:	C4X-158213
Synonyms:	N/A	Lot Number:	0708-RF-0077
CAS Number:	83881-37-2	Expiry Date:	Jan 18, 2027
Molecular Formula:	C ₂₁ H ₂₆ ClN ₃ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	387.90	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.398%
Water Content	Karl Fischer	1.41%
Residual Solvents	NMR	0.22% acetonitrile and 0.06% dichloromethane
Assay		97.7%

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:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jul 17, 2024

Date: Jul 17, 2024

Date: Jul 17, 2024



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