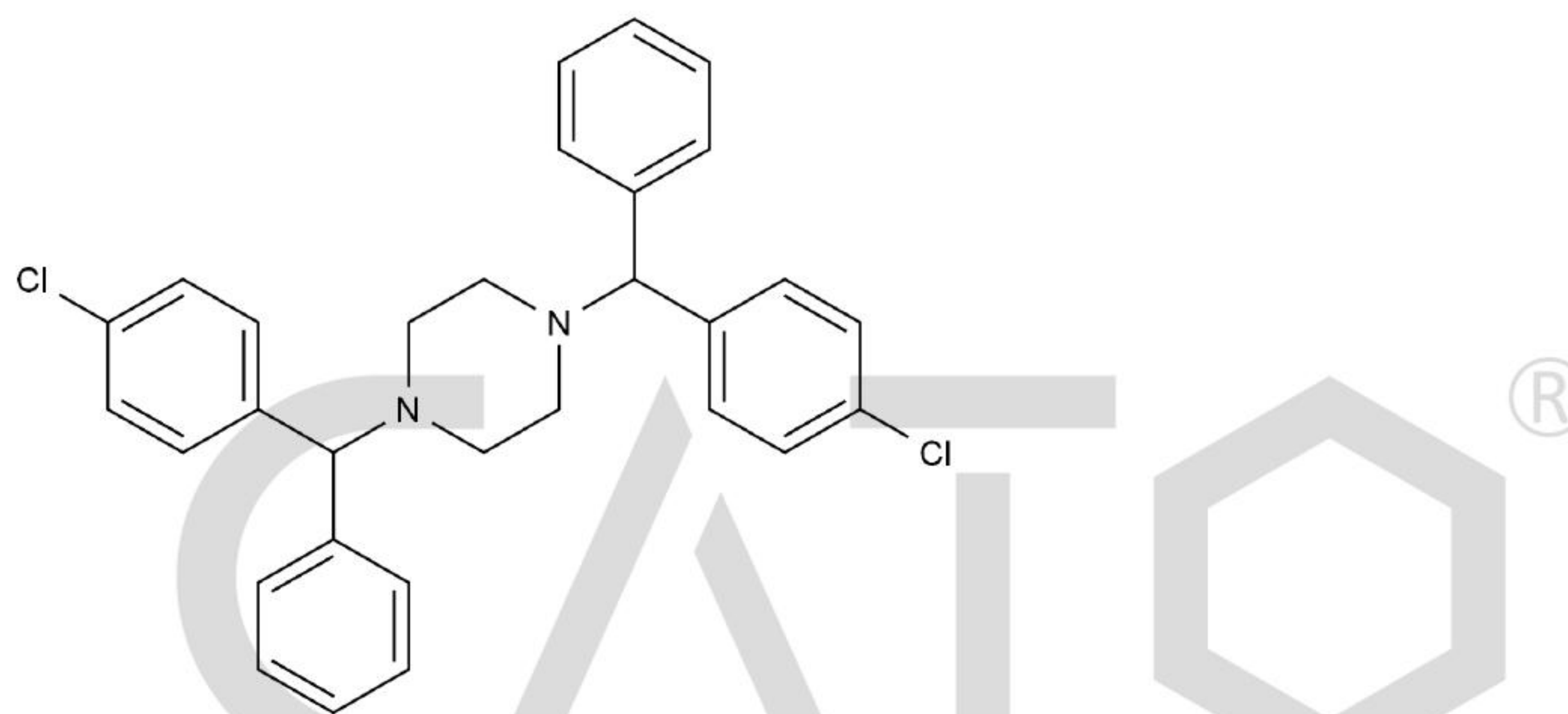


Certificate of Analysis

Reference Material & Standard

Product Name:	Cetirizine EP Impurity D	Catalogue Number:	C4X-108333
Synonyms:	N/A	Lot Number:	0302-RH-0107
CAS Number:	346451-15-8	Expiry Date:	Mar 05, 2030
Molecular Formula:	C ₃₀ H ₂₈ Cl ₂ N ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	487.46	Shipping Condition:	Shipping at Room Temperature
Solubility:	DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.855%
Residue on Ignition	TGA	3.3891%
Loss On Drying	TGA	0.0331%
Assay		96.4%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 06, 2026

Date: Mar 06, 2026

Date: Mar 06, 2026

