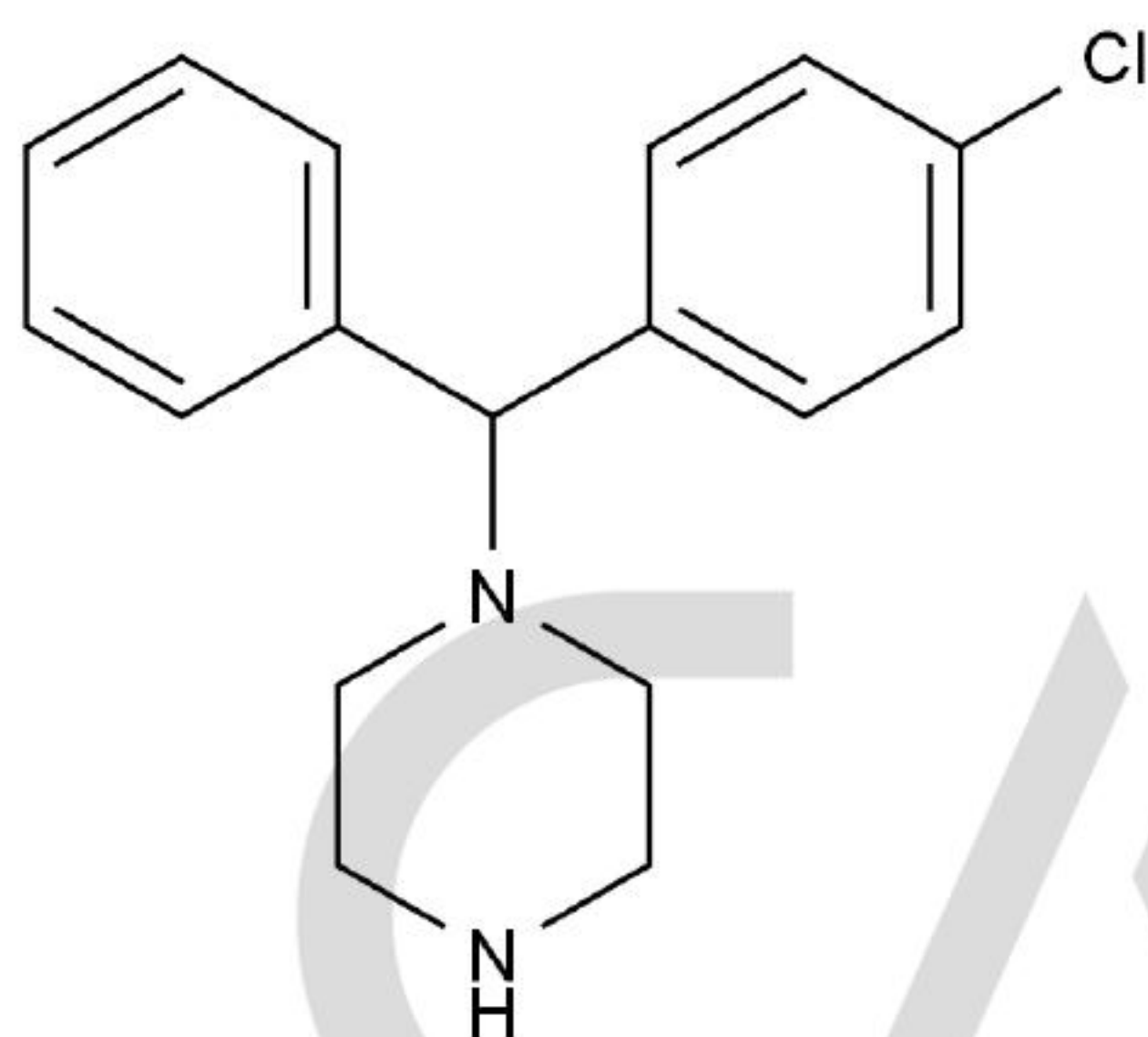


Certificate of Analysis

Reference Material & Standard

Product Name:	Cetirizine EP Impurity A	Catalogue Number:	C4X-108313
Synonyms:	(RS)-1-[(4-chlorophenyl)phenylmethyl]piperazine	Lot Number:	0830-RF-0049
CAS Number:	303-26-4	Expiry Date:	Aug 29, 2027
Molecular Formula:	C ₁₇ H ₁₉ ClN ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	286.80	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	95.206%
Loss On Drying	TGA	1.7897%
Assay		93.5%

Comment:

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

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

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 30, 2024

Date: Aug 30, 2024

Date: Aug 30, 2024

