

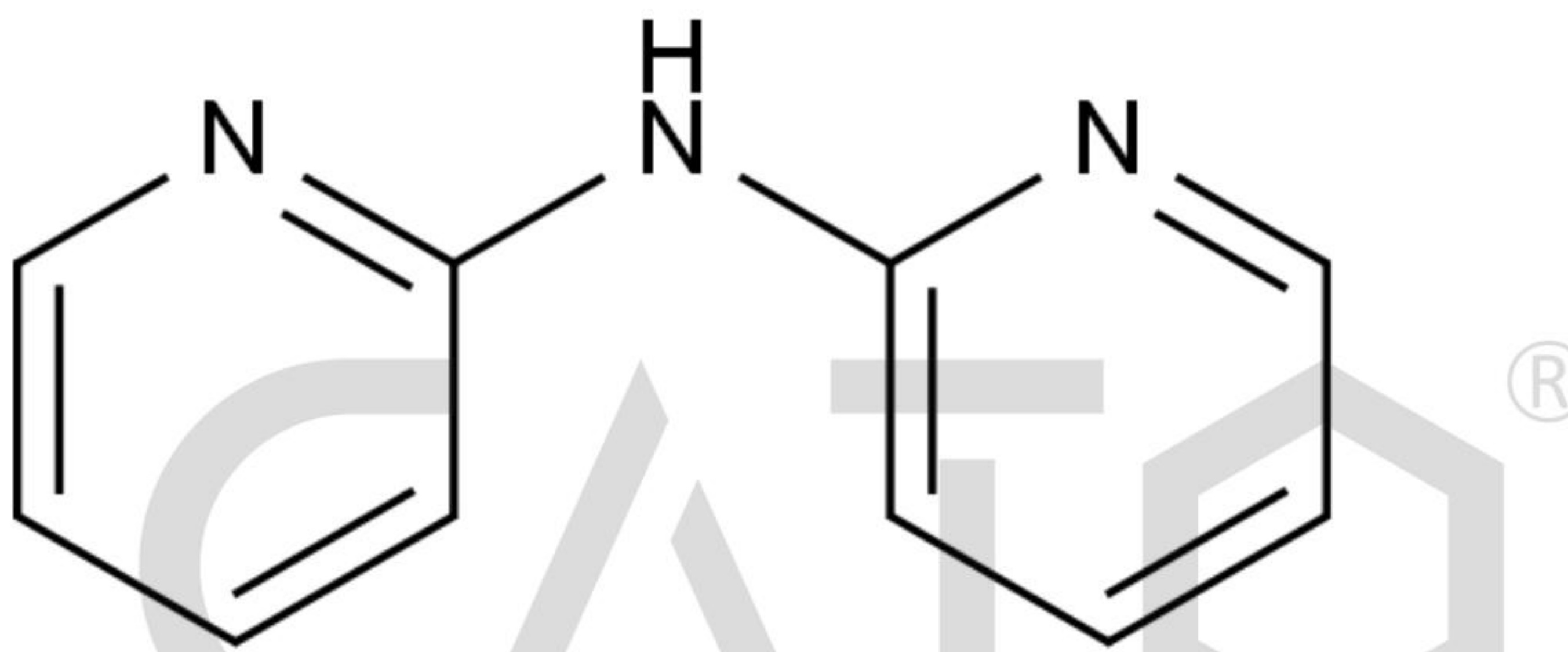
Certificate of Analysis

Reference Material & Standard

Product Name:	Chlorphenamine EP Impurity B	Catalogue Number:	C4X-11882
Synonyms:	N/A	Lot Number:	0410-RG-0091
CAS Number:	1202-34-2	Expiry Date:	Apr 16, 2028
Molecular Formula:	C ₁₀ H ₉ N ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	171.20	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.4532%
Loss On Drying	TGA	0.0913%
Assay		99.5%

Comment:

The calculation of the 100% 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: Apr 17, 2025

Date: Apr 17, 2025

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