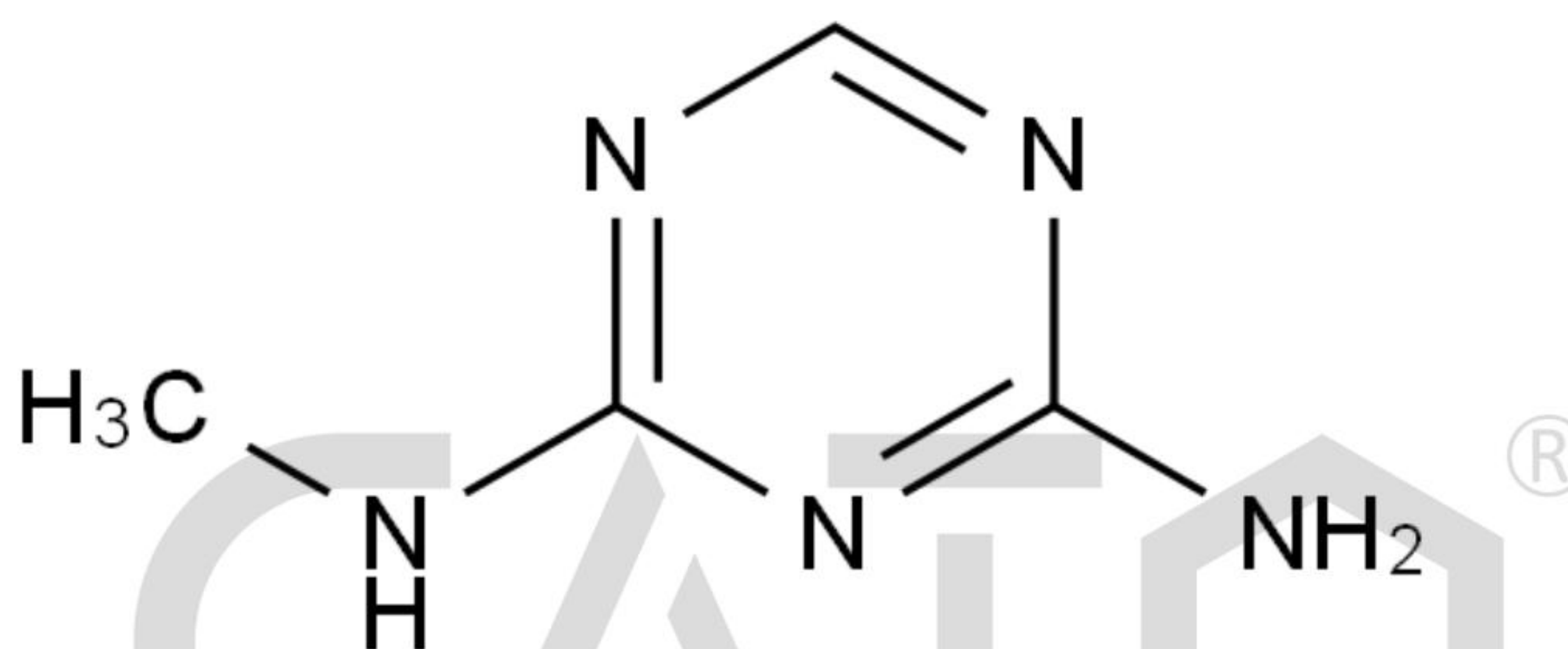


Certificate of Analysis

Reference Material & Standard

Product Name:	Metformin Impurity 18	Catalogue Number:	C4X-122018
Synonyms:	N/A	Lot Number:	0116-RF-0074
CAS Number:	58228-69-6	Expiry Date:	Feb 21, 2025
Molecular Formula:	C ₄ H ₇ N ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	125.13		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.7548%
Loss On Drying	TGA	0.480%
Assay		98.3%

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:

Lily

Reviewed by:

Hinlam

Aporoved by General Manager:

David

Date: Jan 15, 2024

Date: Jan 17, 2024

Date: Jan 17, 2024

