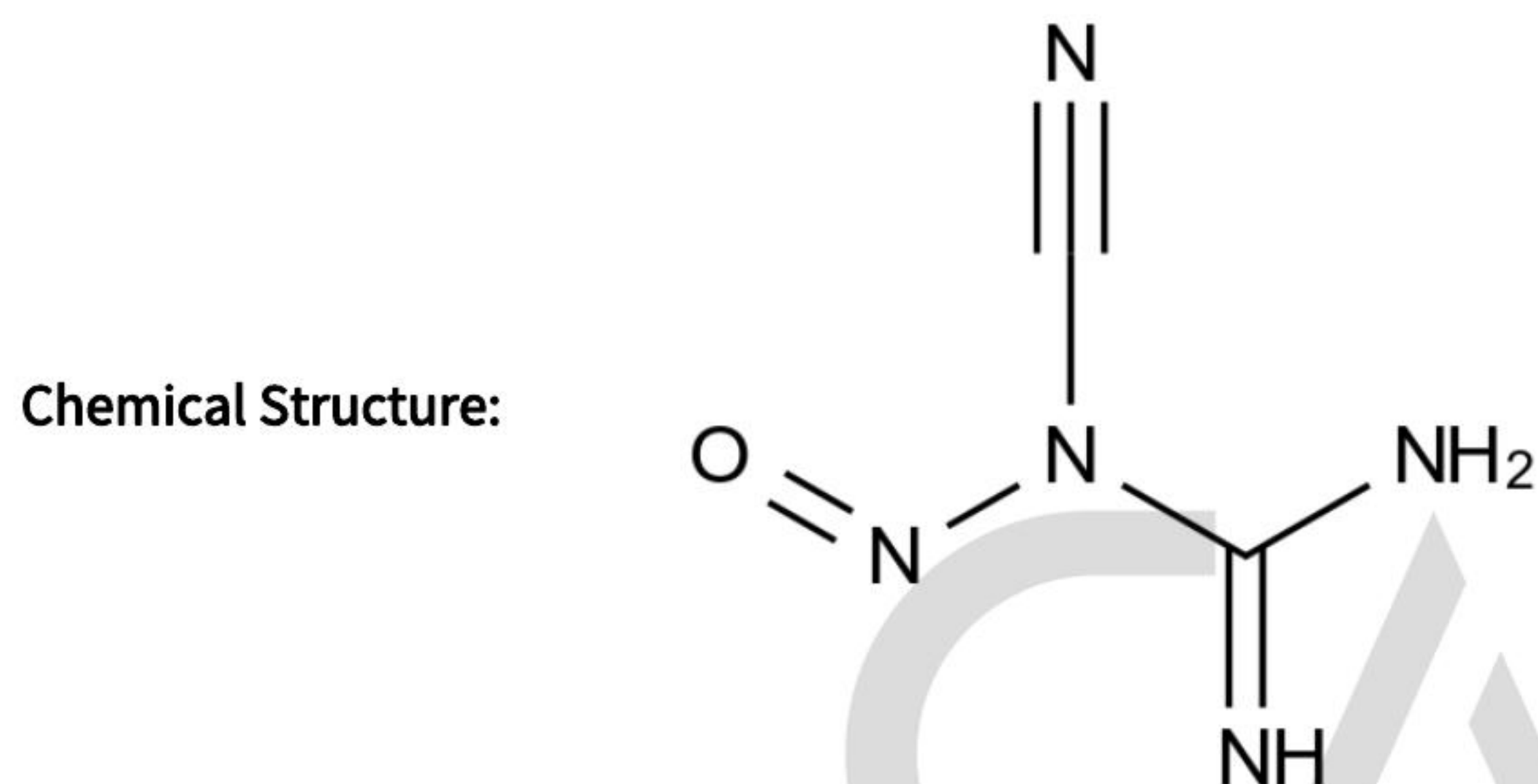


Certificate of Analysis

Reference Material & Standard

Product Name:	Metformin impurity 39	Catalogue Number:	C4X-122039
Synonyms:	N/A	Lot Number:	1212-RF-0075
CAS Number:	N/A	Expiry Date:	Feb 23, 2028
Molecular Formula:	C ₂ H ₃ N ₅ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	113.08		



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.90%
Loss On Drying	TGA	0.399%
Assay		95.5%

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Feb 26, 2025

Date: Feb 26, 2025

Date: Feb 26, 2025

