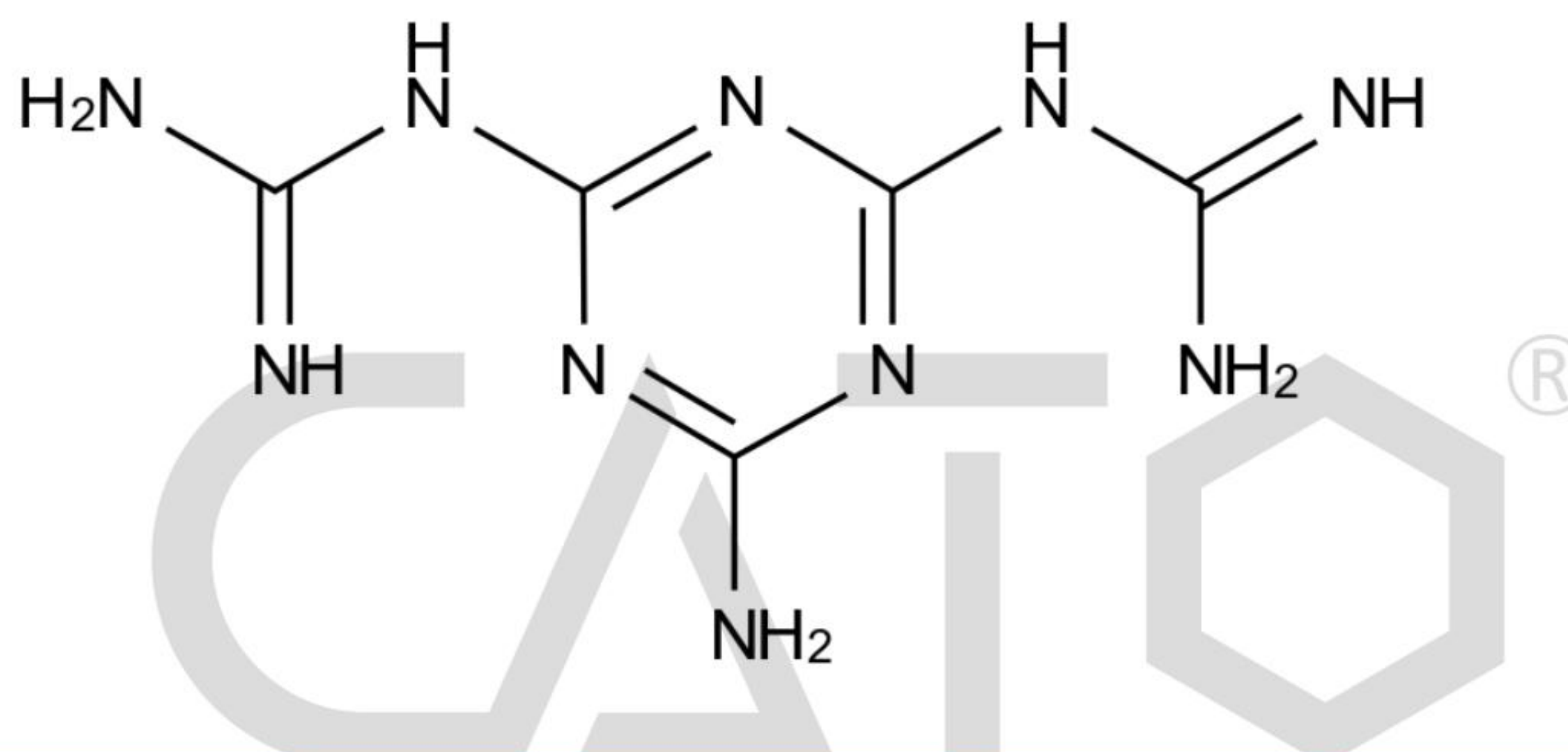


Certificate of Analysis

Reference Material & Standard

Product Name:	Metformin Impurity 23	Catalogue Number:	C4X-122023
Synonyms:	N/A	Lot Number:	0911-RH-0009
CAS Number:	26690-75-5	Expiry Date:	Sep 17, 2030
Molecular Formula:	C ₅ H ₁₀ N ₁₀	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	210.20	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	15.6981%
Assay		84.3%

Comment:

The calculation of the mass balance 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:

Hin Lam

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 18, 2026

Date: Sep 18, 2026

Date: Sep 18, 2026



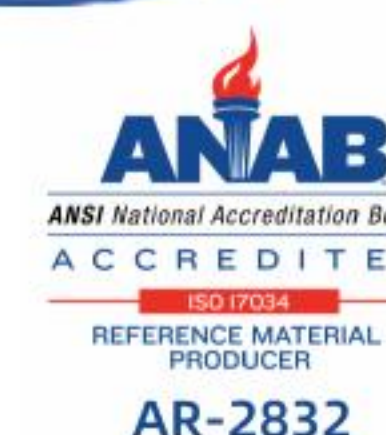
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