

Certificate of Analysis

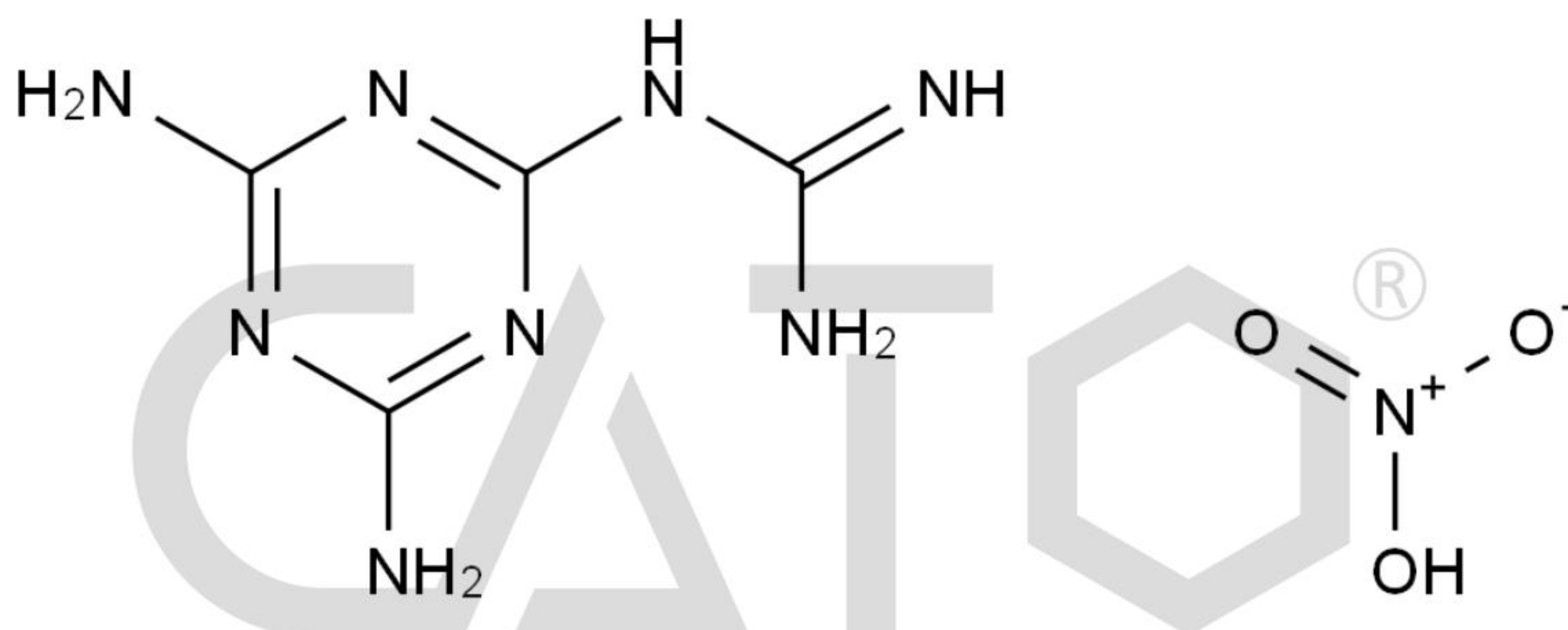
Reference Material & Standard

Product Name:	Metformin EP Impurity B Nitrate	Catalogue Number:	CP134414
Synonyms:	N/A	Lot Number:	0709-RH-0016
CAS Number:	3553-49-9	Expiry Date:	Jul 12, 2030
Molecular Formula:	C ₄ H ₈ N ₈ HNO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	168.16 63.01	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.678%
Loss on Drying	TGA	5.8369%
Assay		93.9%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 13, 2026

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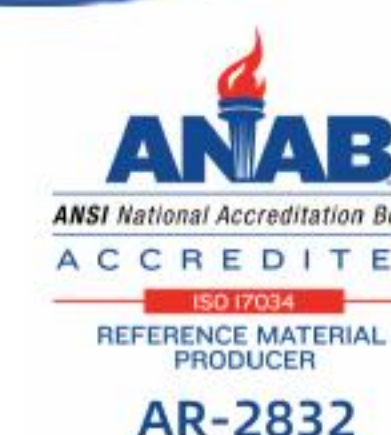
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Page 1 of 7



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