

Certificate of Analysis

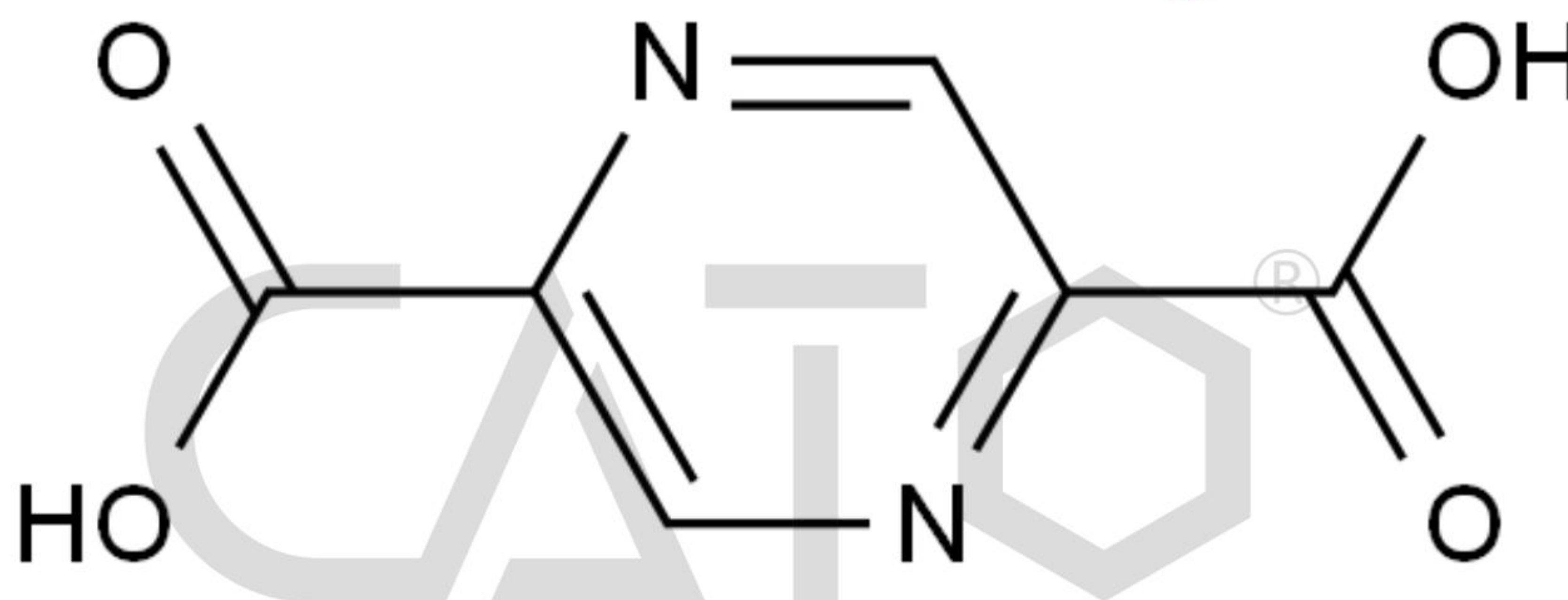
Reference Material & Standard

Product Name:	Glipizide Impurity 18	Catalogue Number:	C4X-140718
Synonyms:	N/A	Lot Number:	0924-RH-0099
CAS Number:	122-05-4	Expiry Date:	Sep 23, 2030
Molecular Formula:	C ₆ H ₄ N ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	168.11	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.099%
Residue on Ignition	Muffle Furnace	0.11%
Loss on Drying	TGA	12.2756%
Assay		86.8%

Comment:

The calculation of the mass balance 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 24, 2026

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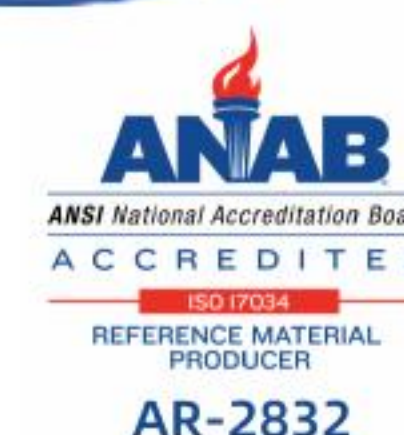
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Page 1 of 8



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