

Certificate of Analysis

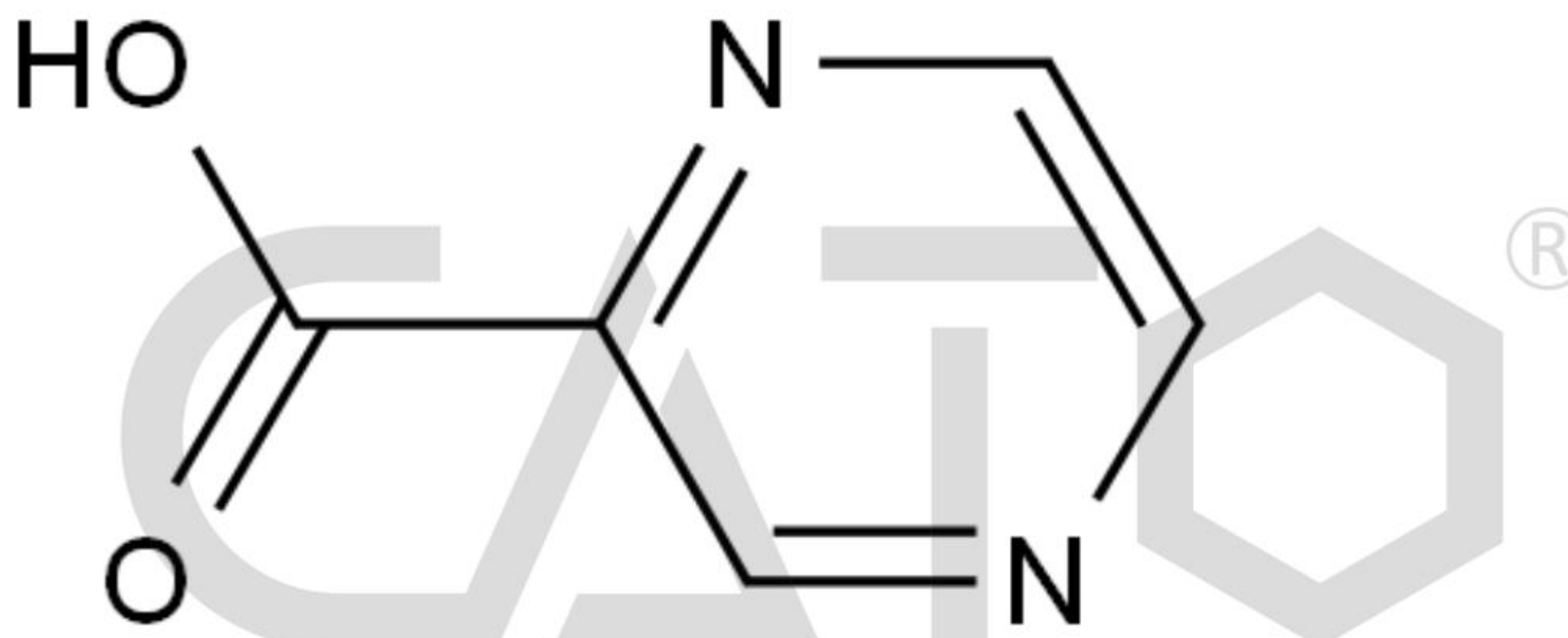
Reference Material & Standard

Product Name:	Pyrazinamide EP Impurity A	Catalogue Number:	C4X-14123
Synonyms:	Pyrazinamide EP Impurity A(2-Pyrazinecarboxylic Acid)	Lot Number:	0217-RD-0005
CAS Number:	98-97-5	Expiry Date:	Sep 18, 2027
Molecular Formula:	C ₅ H ₄ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	124.10	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	0.7332%
Assay		99.3%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content 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: Dec 30, 2025

Date: Dec 30, 2025

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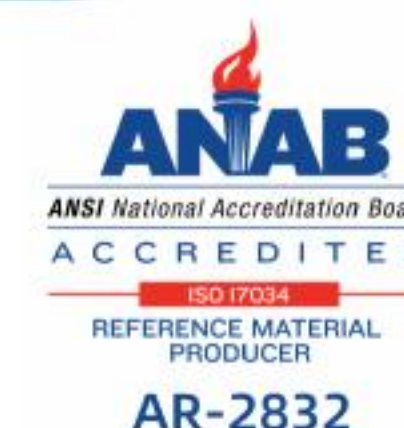
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