

Certificate of Analysis

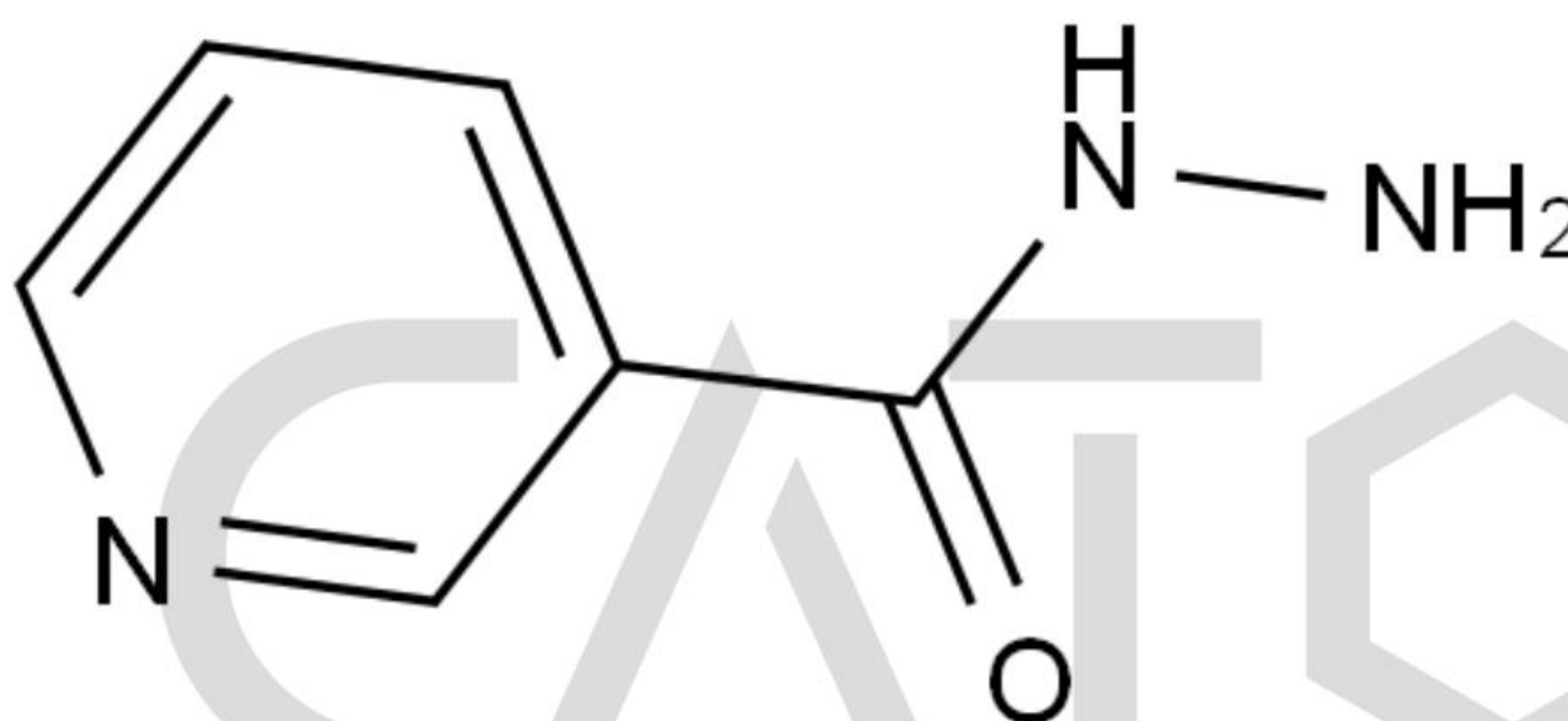
Reference Material & Standard

Product Name:	Isoniazid EP Impurity D	Catalogue Number:	C3D-2076
Synonyms:	N/A	Lot Number:	0320-RF-0048
CAS Number:	553-53-7	Expiry Date:	Jun 14, 2030
Molecular Formula:	C ₆ H ₇ N ₃ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	137.14	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.842%
Loss on Drying	TGA	0.1402%
Assay		99.7%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 16, 2026

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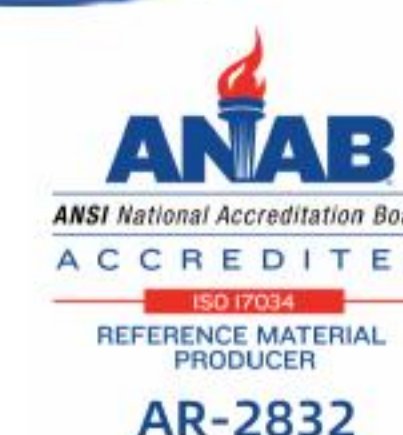
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