

Certificate of Analysis

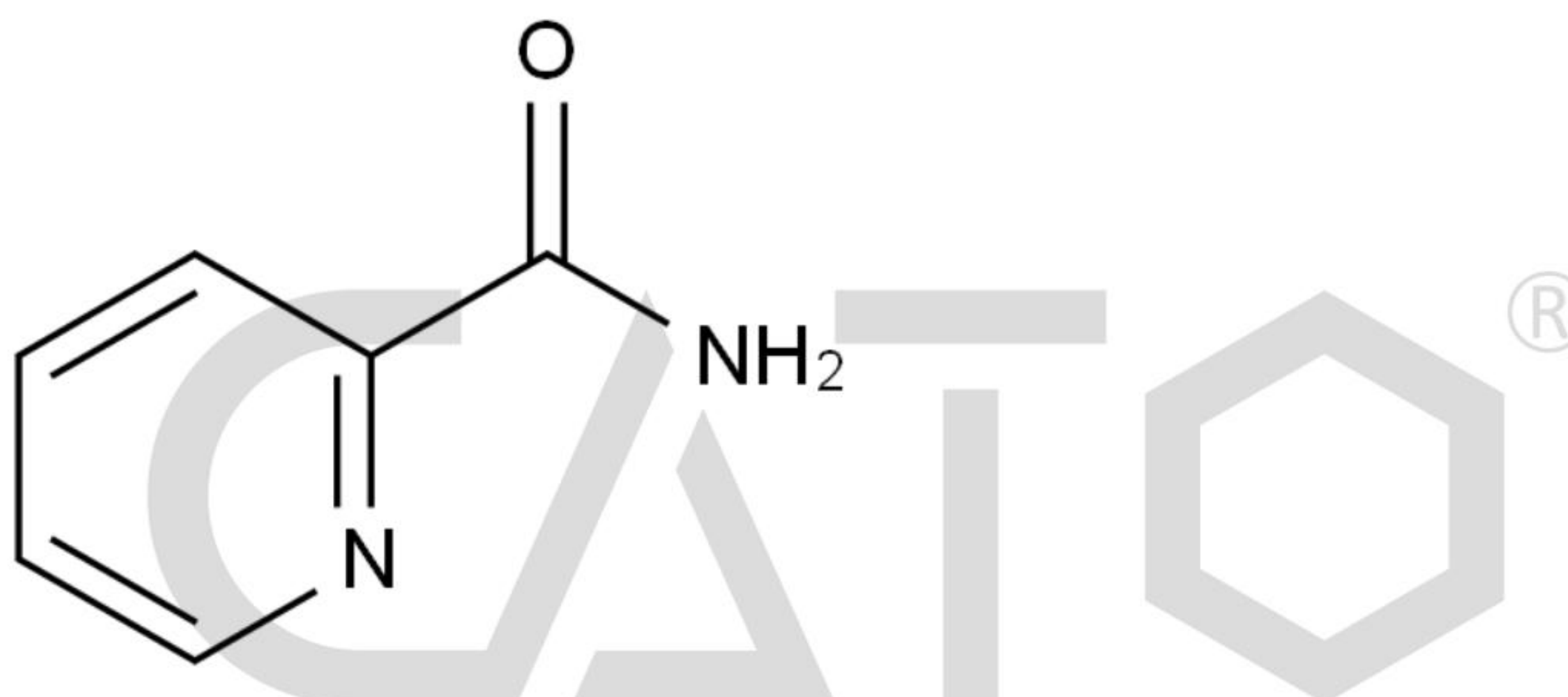
Reference Material & Standard

Product Name:	Nicotinamide EP Impurity C	Catalogue Number:	C4X-18614
Synonyms:	2-Picolinamide	Lot Number:	0408-RA-0004
CAS Number:	1452-77-3	Expiry Date:	Jul 28, 2027
Molecular Formula:	C ₆ H ₆ N ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	122.12	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	0.4576%
Assay		99.5%

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:

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Approved by General Manager:

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Date: Jul 30, 2024

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